

NEWFIELD



January 23, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-17-9-16, 2-17-9-16, 7-17-9-16, 8-17-9-16,
9-17-9-16, 10-17-9-16, 11-17-9-16, 12-17-9-16, 13-17-9-16, and 15-17-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

JAN 24 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

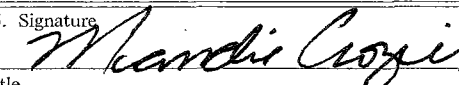

5. Lease Serial No.	UTU-52018
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA Agreement, Name and No.	N/A
8. Lease Name and Well No.	Federal 12-17-9-16
9. API Well No.	43-013-33035

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	10. Field and Pool, or Exploratory Monument Butte
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/SW 1919' FSL 668' FWL 572567X 40.028967 At proposed prod. zone 4431109Y - 110.149534		11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 17, T9S R16E
14. Distance in miles and direction from nearest town or post office* Approximatley 15.5 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 668' f/line, NA' f/unit		13. State UT
16. No. of Acres in lease 640.00		17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1289'		20. BLM/BIA Bond No. on file UTB000192
19. Proposed Depth 6055'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6046' GL
22. Approximate date work will start* 1st Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/23/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 01-26-06
Title		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

JAN 24 2006

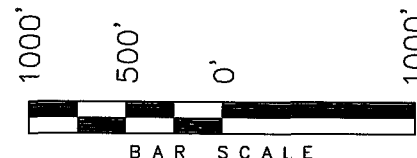
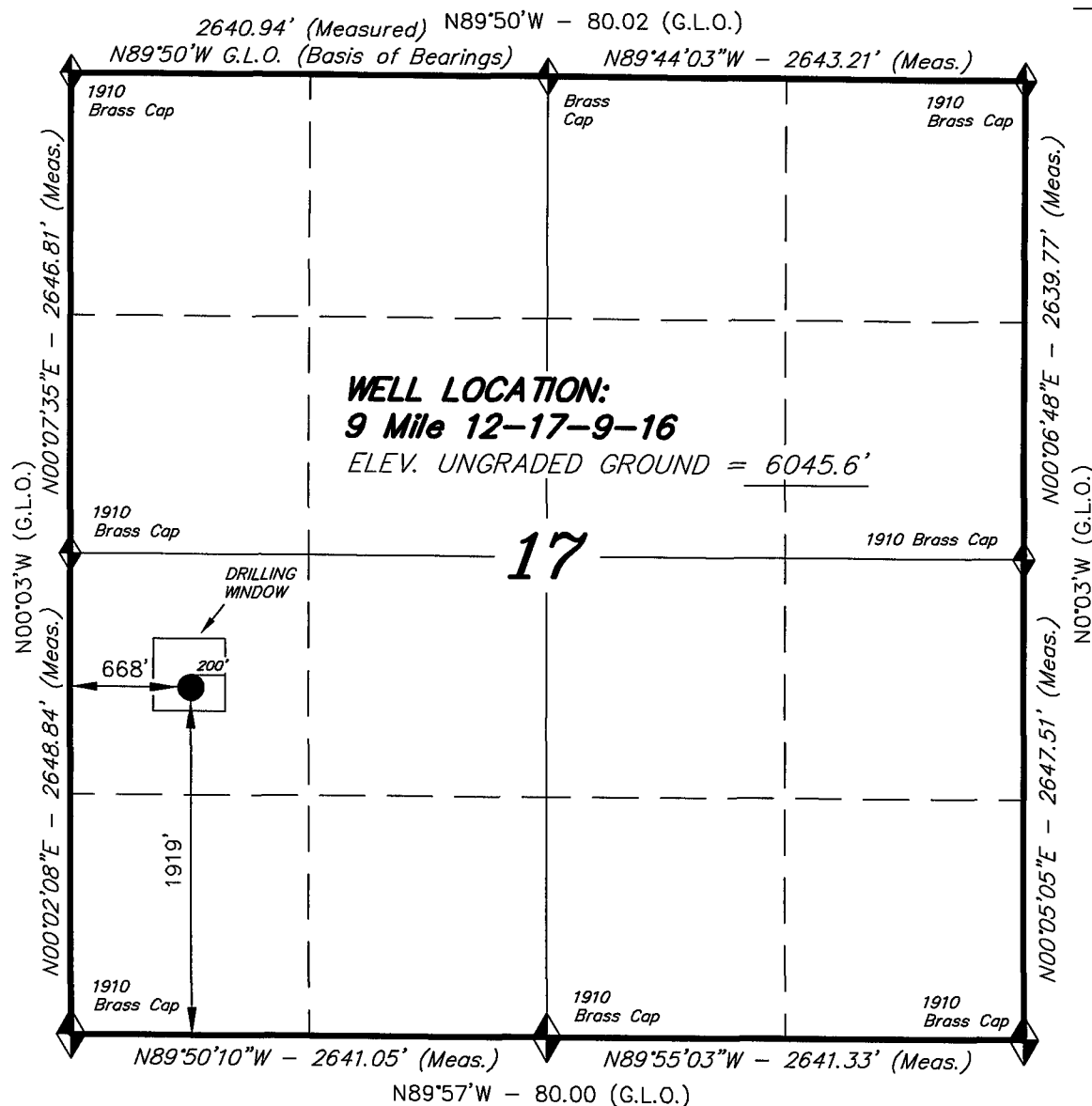
Federal Approval of this
Action is Necessary

DEPT. OF OIL, GAS & MIN.

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 12-17-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SW
1/4 OF SECTION 17, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 12-12-05	SURVEYED BY: K.S.
DATE DRAWN: 12-21-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY
FEDERAL #12-17-9-16
NW/SW SECTION 17, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2615'
Green River	2615'
Wasatch	6055'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2615' - 6055' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #12-17-9-16
NW/SW SECTION 17, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #12-17-9-16 located in the NW 1/4 SW 1/4 Section 17, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.2 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 1170' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Arch Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #12-17-9-16 Newfield Production Company requests 1170' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1070' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	12 lbs/acre
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Details of the On-Site Inspection

The proposed Federal #12-17-9-16 was on-sited on 10/26/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd Magrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open..

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

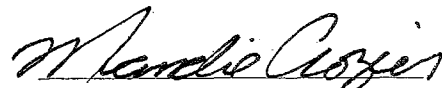
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #12-17-9-16 NW/SW Section 17, Township 9S, Range 16E: Lease UTU-52018 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/23/06

Date

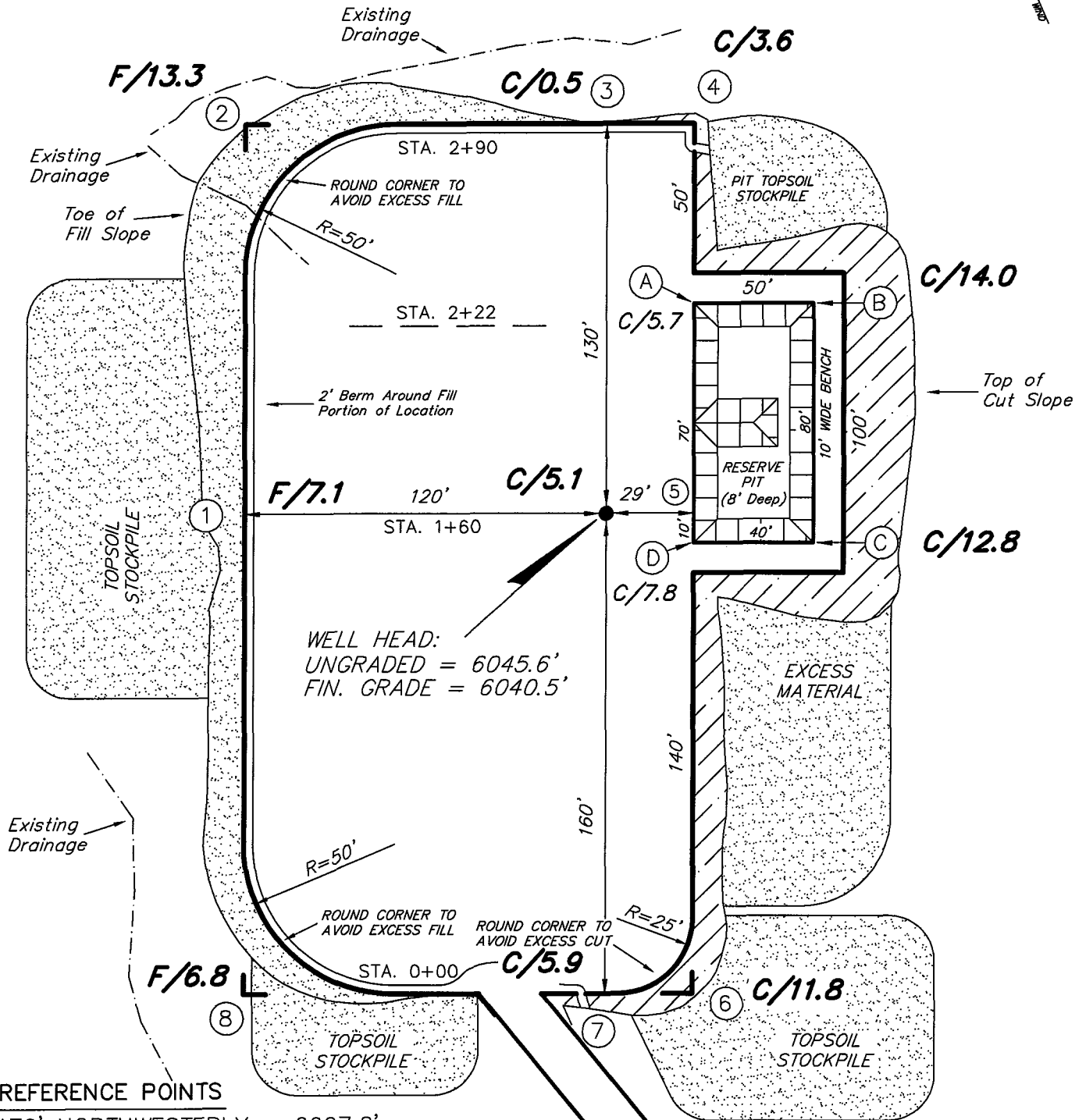
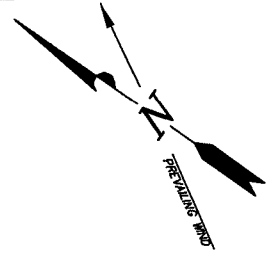


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 12-17-9-16

Section 17, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

170' NORTHWESTERLY = 6027.8'
 230' NORTHWESTERLY = 6029.6'
 180' NORTHEASTERLY = 6040.6' PROPOSED ACCESS
 230' NORTHEASTERLY = 6045.2' ROAD (Max. 6% Grade)

SURVEYED BY: K.G.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 12-21-05

Tri State
Land Surveying, Inc.

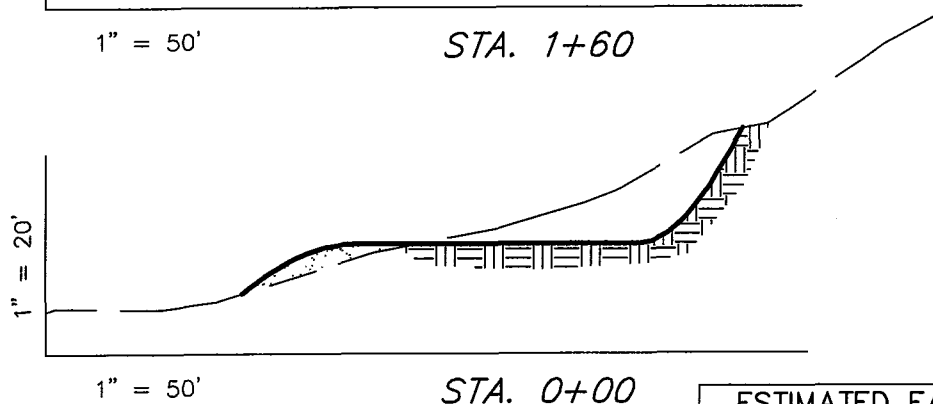
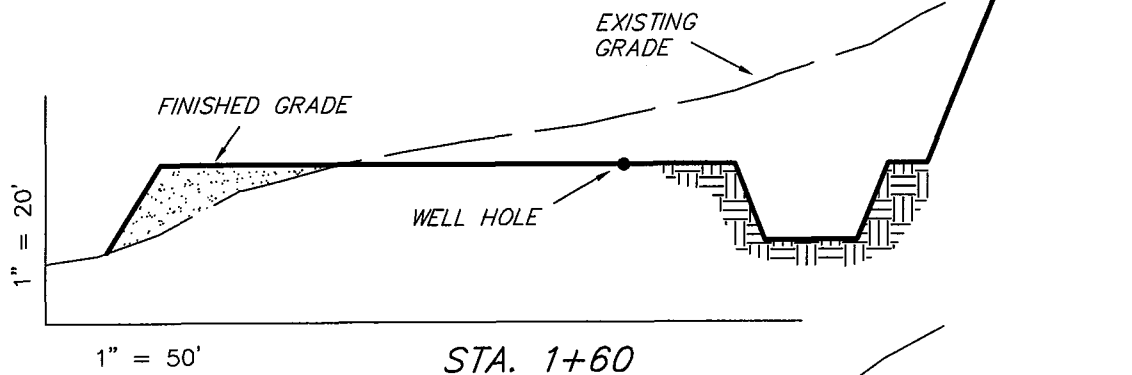
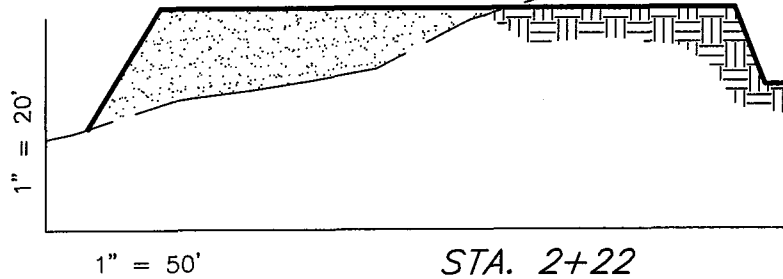
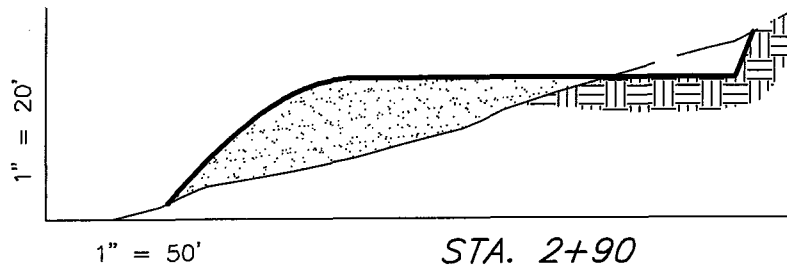
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 12-17-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,250	5,240	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	5,890	5,240	1,080	650

SURVEYED BY: K.G.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

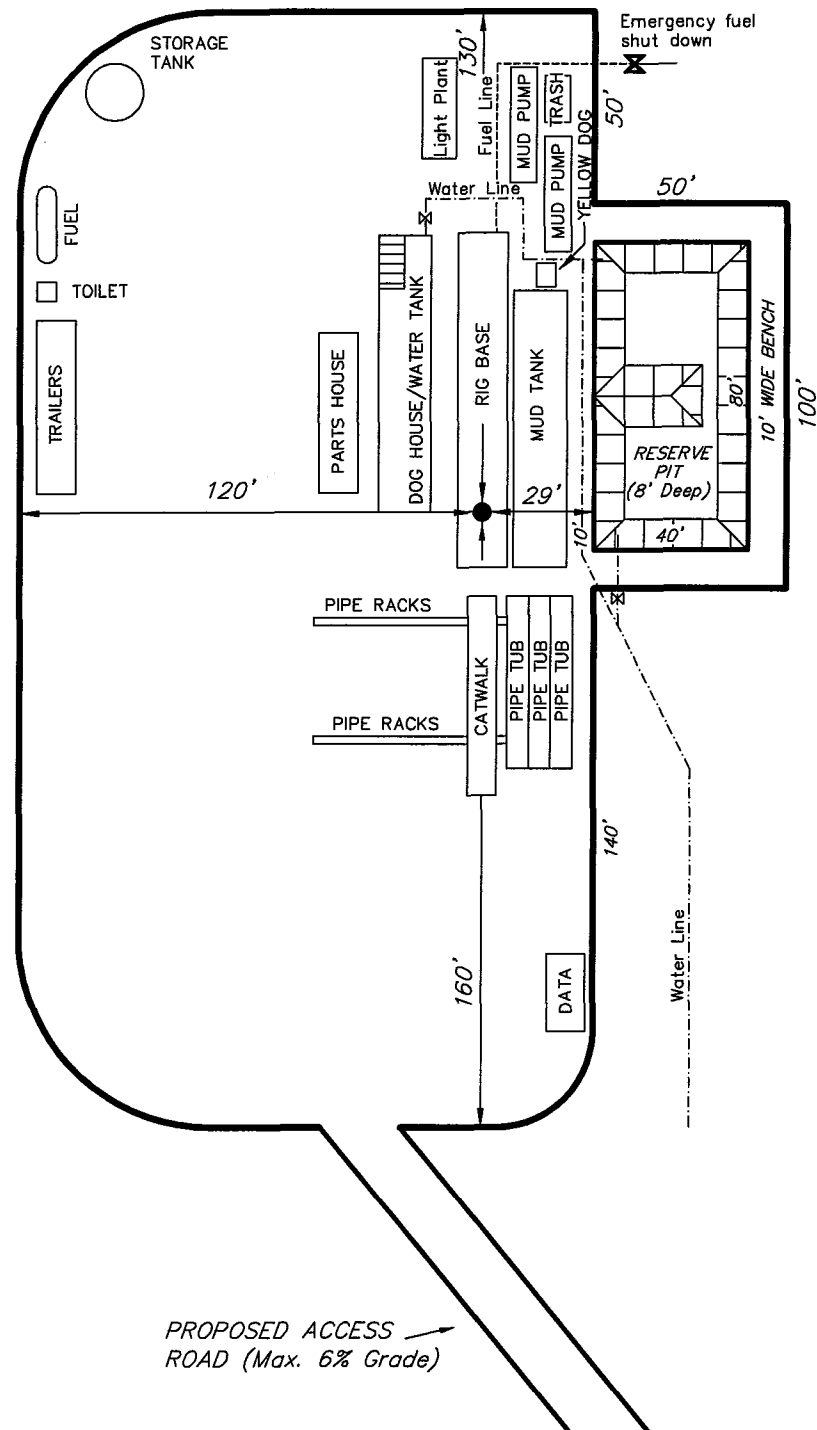
DATE: 12-21-05

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 12-17-9-16



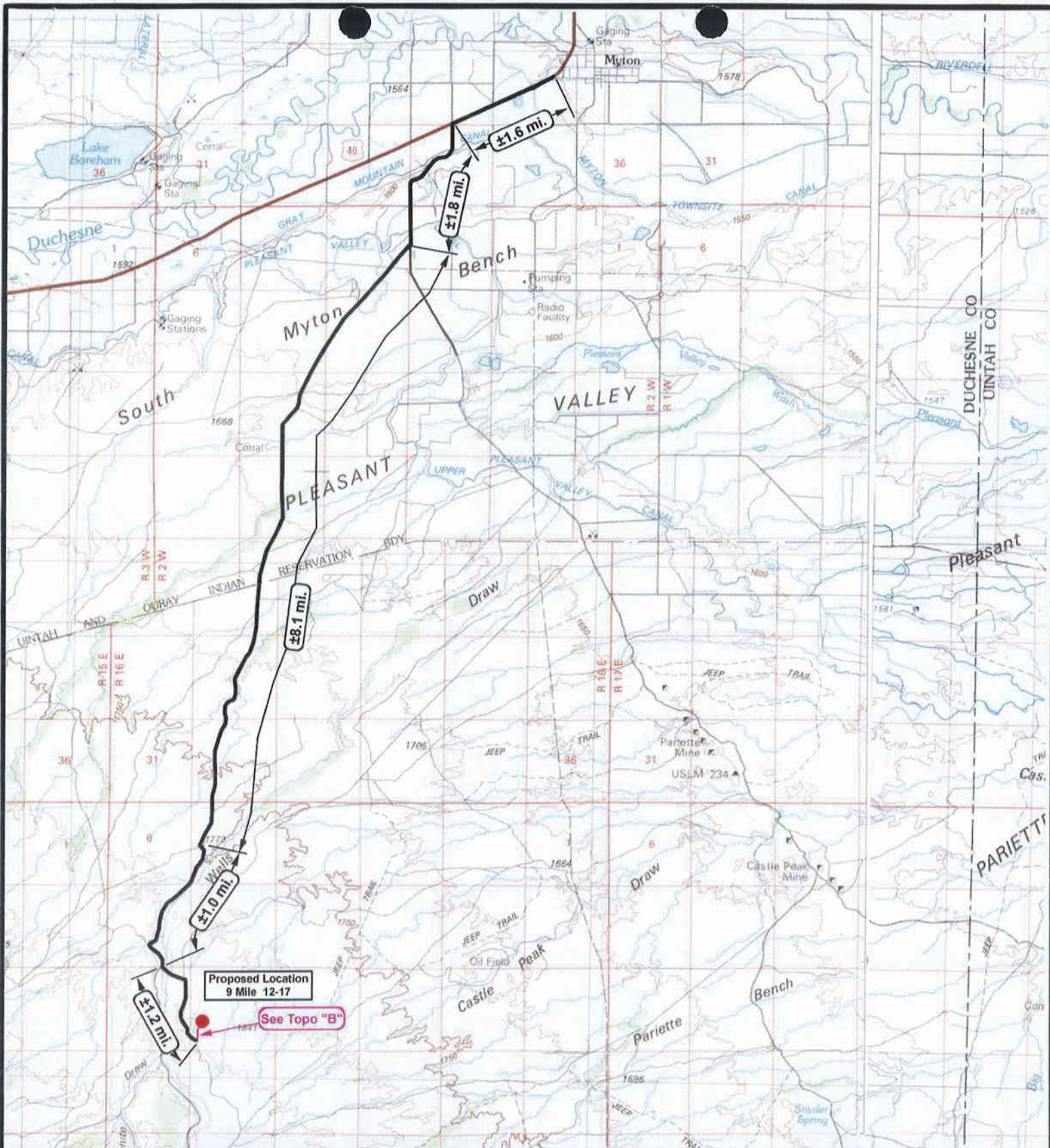
SURVEYED BY: K.G.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 12-21-05

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



NEWFIELD
Exploration Company

9 Mile 12-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

DATE: 12-28-2005

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 12-17

UTU-64379

U-52018

±1.2 mi.

Myton ±12.5 mi.

± 1,170'



NEWFIELD
Exploration Company

9 Mile 12-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

DATE: 12-28-2005

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"B"

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 12-17

UTU-64379

U-52018

Tie in at Existing
Gas Pipeline

± 1,070'



NEWFIELD
Exploration Company

9 Mile 12-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

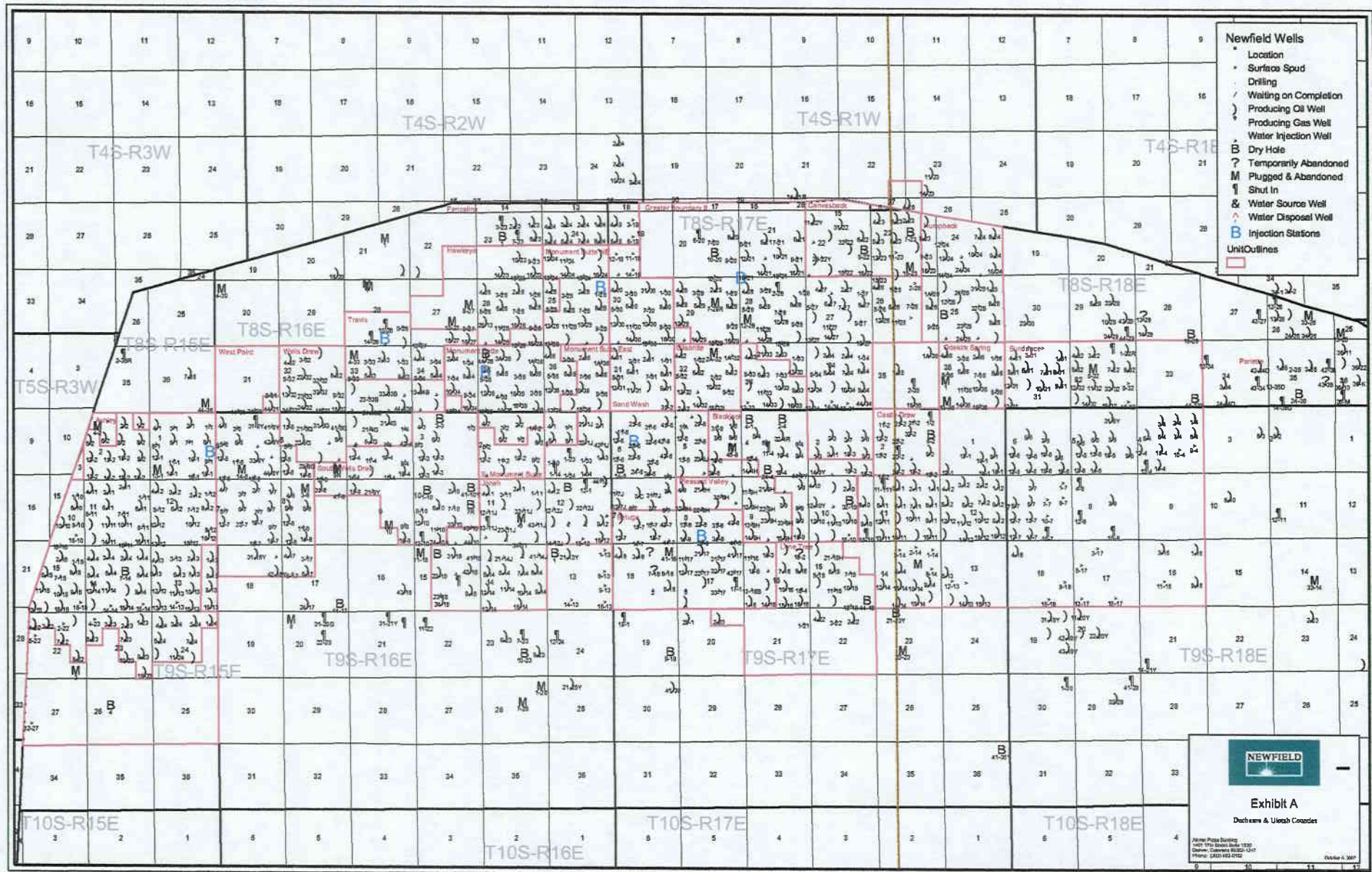
DATE: 12-28-2005

Legend

— Roads
- - - Proposed Gas Line

TOPOGRAPHIC MAP

"C"



UTU-74390

U-020255

UTU-65207

UTU-64379

U-40894

Proposed Location
9 Mile 12-17

UTU-64379

UTU-6



NEWFIELD
Exploration Company

9 Mile 12-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 12-28-2005

Legend

● Well Locations

○ One-Mile Radius

Exhibit "B"

Blowout Prevention Equipment Systems

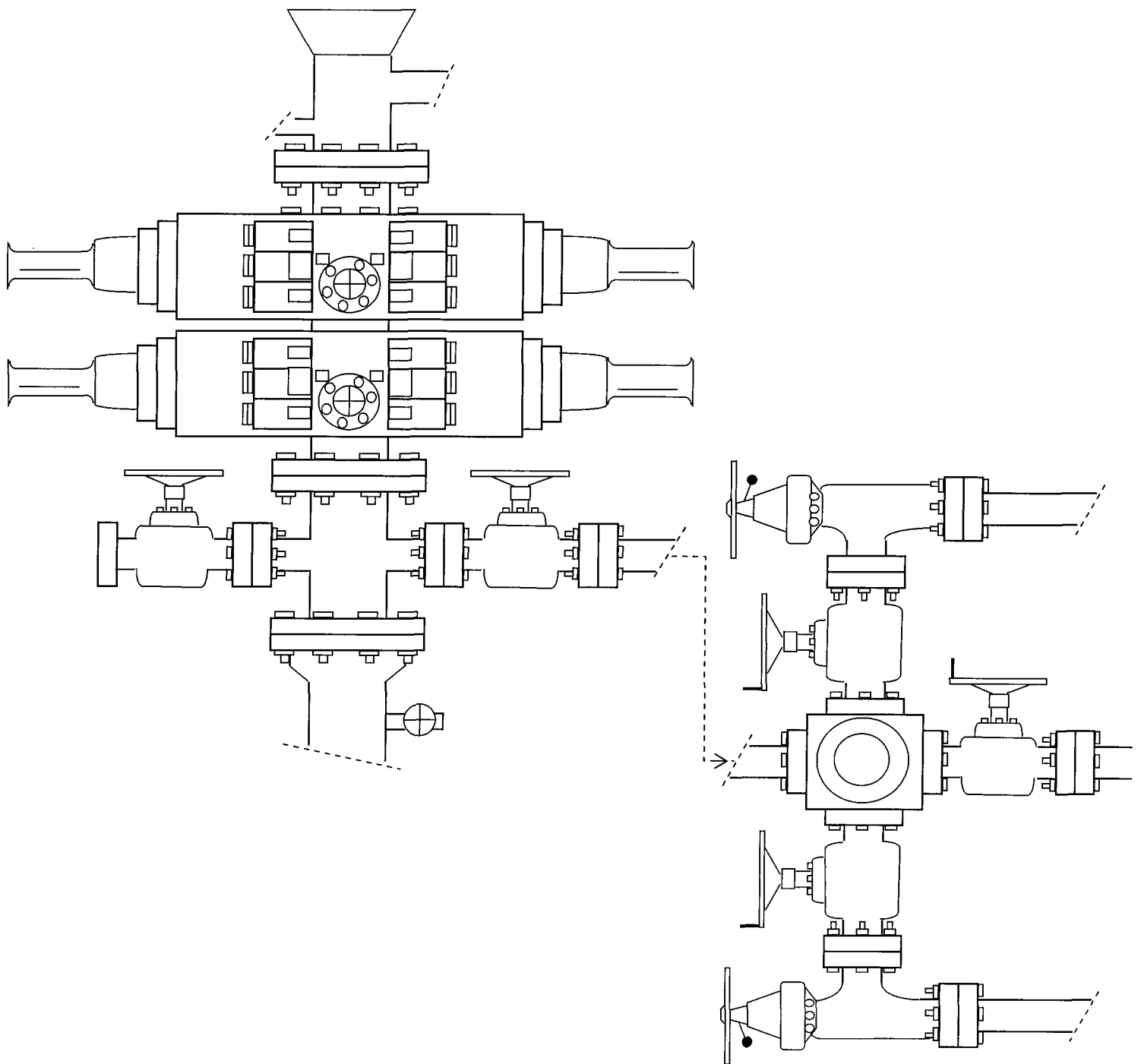


EXHIBIT C

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,
DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/24/2006

API NO. ASSIGNED: 43-013-33035

WELL NAME: FEDERAL 12-17-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 17 090S 160E

SURFACE: 1919 FSL 0668 FWL

BOTTOM: 1919 FSL 0668 FWL

COUNTY: DUCHESNE

LATITUDE: 40.02897 LONGITUDE: -110.1495

UTM SURF EASTINGS: 572567 NORTHINGS: 4431109

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-52018

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

 Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

 R649-3-11. Directional Drill

COMMENTS: Sop, Separate File

STIPULATIONS: 1. Federal Approval

2. Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 17 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

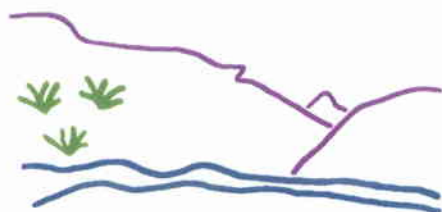
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NE PP OIL
- NE SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 26-JANUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 26, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 12-17-9-16 Well, 1919' FSL, 668' FWL, NW SW, Sec. 17, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33035.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 12-17-9-16
API Number: 43-013-33035
Lease: UTU-52018

Location: NW SW Sec. 17 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

JAN 24 2006

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

CONVEYANCE

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-52018	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 12-17-9-16	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33035	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1919' FSL 668' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 17, T9S R16E		12. County or Parish Duchesne	
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 15.5 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 668' f/lse, NA' f/unit		16. No. of Acres in lease 640.00	
17. Spacing Unit dedicated to this well 40 Acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1289'	
19. Proposed Depth 6055'		20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6046' GL		22. Approximate date work will start* 1st Quarter 2006	
23. Estimated duration Approximately seven (7) days from start to rig release.		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/23/06
Title Regulatory Specialist		
Approved by (Signature) <i>Thomas B. Leary Jr.</i>	Name (Printed/Typed) Thomas B. Leary Jr.	Date 06/08/2006
Title Assistant Field Manager	Office Natural Resources	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

JUN 12 2006

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 12-17-9-16
API No: 43-013-33035

Location: NWSW, Sec. 17, T9S, R16E
Lease No: UTU-52018
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chris Carusona) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

DRILLING AND CONSTRUCTION

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The

holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location; must be piled separately off location; and saved for final reclamation purposes.

INTERIM RECLAMATION

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheat grass	Agropyron cristatum	4 lbs/acre
Per Live Seed Total	4 lbs/acre	

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area

sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.

Final reclamation shall be a stage process.

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

Paint olive drab. 6" and 4" surface poly gas lines.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production,

whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 12-17-9-16

Api No: 43-013-33035 Lease Type: FEDERAL

Section 17 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 08/17/06

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 08/17/06 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 12-17-9-16

9. API Well No.

4301333035

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on Reverse Side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NWSW Section 17 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/17/06 MIRU NDSI NS#1. Spud well @ 10:00am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.51' KB On 8/18/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED

AUG 22 2006

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Title

Drilling Foreman

Date

08/18/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.51

LAST CASING 8 5/8" SET AT 323.51'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 12-17-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.60'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.66
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.51
TOTAL LENGTH OF STRING		313.51	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.51
TOTAL		311.66	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.66	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/17/2006	10:00AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/18/2006	9:00 AM	Bbls CMT CIRC TO SURFACE <u>6</u>			
BEGIN CIRC		8/18/2006	1:32 PM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8/18/2006	1:44 PM	<u>N/A</u>			
BEGIN DSPL. CMT		8/18/2006	1:58 PM	BUMPED PLUG TO _____ 500 _____ PSI			
PLUG DOWN		8/18/2006	2:08 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Don Bastian DATE 8/18/2006

08/23/2006

NOTE: Use COMMENT section to explain why each Action Code was selected

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1919 FSL 668 FWL
NWSW Section 17 T9S R16E

5. Lease Serial No.

444-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 12-17-9-16

9. API Well No.

4301333035

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

09/21/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1919 FSL 668 FWL
NWSW Section 17 T9S R16E

5. Lease Serial No.

LTU-52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 12-17-9-16

9. API Well No.

4301333035

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 10/2/06
By: [Signature]

I hereby certify that the foregoing is true and
correct (Printed/Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

09/21/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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Date

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States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME Federal	
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME, WELL NO. Federal 12-17-9-16	
2. NAME OF OPERATOR Newfield Exploration Company				9. WELL NO. 43-013-33035	
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202				10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) At Surface 1919' FSL & 668' FWL (NW/SW) Sec. 17, T9S, R16E At top prod. Interval reported below				11. SEC., T., R., AL. OR BLOCK AND SURVEY OR AREA Sec. 17, T9S, R16E	
At total depth		14. API NO. 43-013-33035		12. COUNTY OR PARISH Duchesne	
		DATE ISSUED 01/26/06		13. STATE UT	
15. DATE SPUDDED 08/17/06	16. DATE T.D. REACHED 08/25/06	17. DATE COMPL. (Ready to prod.) 09/19/06	18. ELEVATIONS (DF, RKB, RL, GR, ETC.)* 6046' GL	19. ELEV. CASING HEAD 6058' KB	
20. TOTAL DEPTH, MD & TVD 6050'		21. PLUG BACK T.D., MD & TVD 5980'		22. IF MULTIPLE COMPL. HOW MANY* ----->	
		23. INTERVALS DRILLED BY ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4980'-5247'				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log				27. WAS WELL CORDED No	

Casing Record (Report all strings set in well)					
CASING SIZE GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6026'	7-7/8"	324 sx Premlite II and 451 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5302'	TA @ 5202'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(LODC) 5234'-5247', 5185'-5207', 5157'-5165', 5113'-5131'	.46"	4/244	5113'-5247'	Frac w/ 174.414# 20/40 sand in 1154 bbls fluid	
(A1) 4980'-4990'	.43"	4/40	4980'-4990'	Frac w/ 34.935# 20/40 sand in 386 bbls fluid	

33.*		PRODUCTION					
DATE FIRST PRODUCTION 09/19/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD ----->	OIL--BBL. 14	GAS--MCF 35	WATER--BBL. 42	GAS-OIL RATIO 2500
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 2-1/2" x 1-1/2" x 14'	OIL--BBL.	GAS--MCF	WATER--BBL.	GEL. GEL. VOLUME (GAL. OR BBL.)	

Sold & Used for Fuel

John P. Park

RECEIVED

OCT 24 2006

DIV. OF OIL, GAS & MINING

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all test data, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and losses)				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 12-17-9-16	Garden Gulch Mkr	3670'	
				Garden Gulch 1	3871'	
				Garden Gulch 2	3974'	
				Point 3 Mkr	4221'	
				X Mkr	4482'	
				Y-Mkr	4513'	
				Douglas Creek Mkr	4626'	
				BiCarbonate Mkr	4791'	
				B Limestone Mkr		
				Castle Peak	5516'	
				Basal Carbonate	5982'	
				Total Depth (LOGGERS)	6034'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
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abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU - 52018

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 12-17-9-16

9. API Well No.
4301333035

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1919 FSL 668 FWL
NWSW Section 17 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 8/21/2006 MIRU Patterson Rig # 155. Set all equipment. Prassure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6050'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 6025.87' / KB. Cement with 324sks cement mixed @ 11.0 ppg & 3.43 yld. The 451 sks cement mixed @ 14.4 ppg & 1.24 yld. With 1 bbl cmt returned to pit. Nipple down Bop's. Drop slips @ 88,000 #'s tension. Release rig 4:30 pm on 8/26/2006.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Troy Zufelt

Signature

Title

Drilling Foreman

Date

08/27/2006

Approved by

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Title

Date

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(Instructions on reverse)

RECEIVED
SEP 01 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6025.87

LAST CASING 8 5/8" SET AT 323.51'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6050' Loggers 6034'
 HOLE SIZE 7 7/8"

Flt cllr @ 5981.68
 OPERATOR Newfield Production Company
 WELL Federal 12-17-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson-UTI Rig # 155

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.15 @ 3875.92					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5967.68
							0.8
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.36
		GUIDE shoe			8rd	A	1.03
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6027.87
TOTAL LENGTH OF STRING		6027.87	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.83		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		153.26	4	CASING SET DEPTH			6025.87
TOTAL		6165.30	141	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6165.3	141				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		2:30 AM	8/26/2006	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		7:00 AM	8/26/2006	Bbls CMT CIRC TO SURFACE <u>1</u>			
BEGIN CIRC		7:15 AM	8/26/2006	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		9:04 AM	8/26/2006	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		9:58 AM	8/26/2006	BUMPED PLUG TO <u>2224</u> PSI			
PLUG DOWN		10:25 AM	8/26/2006				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	324	Prem-lite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	451	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt DATE 8/24/2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

Utu-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 12-17-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333035

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1919 FSL 668 FWL

COUNTY: DUCHESNE

QTR-QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW, 17, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/23/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 09/8/06 - 09/19/06

Subject well had completion procedures initiated in the Green River formation on 09-08-06 without the use of a service rig over the well. A cement bond log was run and a total of two Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5237'-5247'), (5185'-5207'), (5157'-5165'), (5113'-5131'); Stage #2 (4980'-4990'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 09-15-2006. Bridge plugs were drilled out and well was cleaned to 5980'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 09-19-2006.

RECEIVED

OCT 26 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

Jentri Park

DATE 10 23 2006

(This space for date use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 12-17-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1919 FSL 0668 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 17 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330350000
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

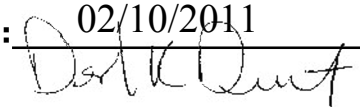
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/8/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield Production Company requests the approval to open additional pay in the PB8 & GB6 Sands in subject well in a single stage. The target OAP intervals in the PB8 sand is [4328-4338] & [4201-4203] in the GB6 sand. Please contact Paul Weddle at 303-383-4117 with any questions.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 02/10/2011

By: 

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 2/7/2011

Newfield Production Company**12-17-9-16 Federal****Procedure for: OAP of PB8& GB6 (down casing)****Well Status: See attached Wellbore Diagram****AFE # Q1 2011**

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,980**
- 3 RIH with WL set HE RBP. **Set RBP @ ~4390'.**
- 4 Pressure test casing to 4500psi for 10 minutes.
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

PB8	4328-4338	3spf	120deg phasing
GB6	4201-4203	3spf	120deg phasing
- 5 POOH with perf gun. RD Wireline Truck only after perfs broken down. Be prepared to spot acid
- 7 RU frac equip and 5K Stinger frac head. Frac the **PB8 & GB6** down casing w/**45,000#** 20/40sand at **35** BPM with max sand concentration of **8** ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 RIH and Release Packer
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5237 and set TAC at $\pm 5202'$ with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 17'(as big as unit allows) RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 93 x 3/4" slick rods, 100 x 3/4" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Federal 12-17-9-16

Spud Date: 8-17-06
Put on Production: 9-19-06

GL: 6046' KB: 6058'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.66')
DEPTH LANDED: 323.51' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6012.04')
DEPTH LANDED: 6025.87' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
CEMENT TOP AT: 190'

TUBING

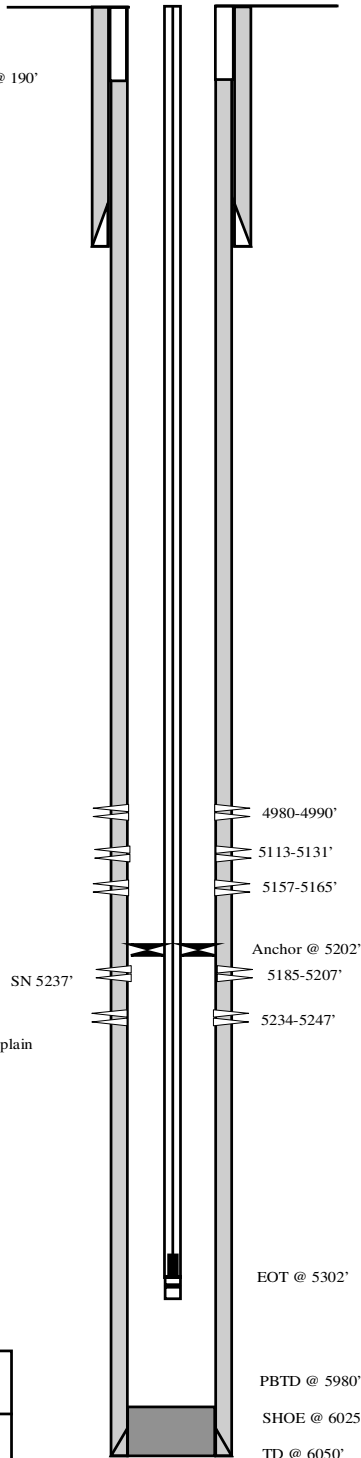
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5190.38')
TUBING ANCHOR: 5202.38' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5236.78' KB
NO. OF JOINTS: 2 jts (63.33')
TOTAL STRING LENGTH: EOT @ 5301.66' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8' x 3/4" pony rod, 100- 3/4" scraped rods, 93- 3/4" plain rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 4 x 17' RHAC w/ball knocker
STROKE LENGTH: 62"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 190'



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
174414# 20/40 sand in 1154 bbls Lightning 17 frac fluid. Treated @ avg press of 1707 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' **Frac A1 sands as follows:**
34935# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 4978 gal. Actual flush: 4746 gal.

02/19/07 Pump Change. Update rod and tubing details.

03/30/07 **Pump Change.** Rod & Tubing detail updated

PERFORATION RECORD

09-08-06	5234-5247'	4 JSPF	52 holes
09-08-06	5185-5207'	4 JSPF	88 holes
09-08-06	5157-5165'	4 JSPF	32 holes
09-08-06	5113-5131'	4 JSPF	72 holes
09-13-06	4980-4990'	4 JSPF	40 holes



Federal 12-17-9-16

1919' FSL & 668' FWL

NW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33035; Lease # UTU-52018

TW 04/10/07

RECEIVED February 07, 2011



February 23, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-Completion
Federal 12-17-9-16
Sec. 17, T9S, R16E
API # 43-013-33035

Dear Mr. Hill:

The subject well had new perforations added. The well was then put back on production. Please find enclosed the sundry and daily activity report. You may contact me at 435-646-4874 or lcchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Administrative Assistant

RECEIVED

MAR 01 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-52018
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1919 FSL 668 FWL		8. WELL NAME and NUMBER: FEDERAL 12-17-9-16
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW, 17, T9S, R16E		9. API NUMBER: 4301333035
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

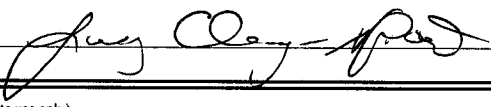
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/15/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted on 02-15-11 and then placed back on production. The following perforations were added in the Green River Formation:

PB8 4328-4338' 3 JSPF 30 holes
GB6 4201-4203' 3 JSPF 6 holes

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>02/23/2011</u>

(This space for State use only)

RECEIVED
MAR 01 2011
DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 12-17-9-16****12/1/2010 To 4/28/2011****2/10/2011 Day: 1****Recompletion**

NC #3 on 2/10/2011 - MIRUSU. TOH w/ rods. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 7 bbls water. Good test. Unseat rod pump. TOH w/ 100- 3/4 guided rods. Flush tbg & rods w/ 20 bbls water @ 250°. TOH w/ 93- 3/4 plain rods, 10- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X- over to tbg eq. ND wellhead. Release TA. NU BOP. RU VES to run gyro survey. RD VES. VES tagged fill @ 5720'. SDFD.

Daily Cost: \$0**Cumulative Cost: \$7,545**

2/11/2011 Day: 2**Recompletion**

NC #3 on 2/11/2011 - TOH w/ tbg, TIH w/ RBP, perf new zones. - RU rig floor. TOH w/ 165- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. Used 20 bbls water to keep tbg clean. PU TIH w/ RBP, & 140- jts 2 7/8. Set RBP @ 4402'. TOH w/ 140- jts 2 7/8, & ret head. RD rig floor. ND BOP. ND wellhead. RU frac head & BOP. RU Perforators. RIH & dump bail sand on top of RBP. Pressure test RBP, BOP, & csg to 4500 psi. Good test. RIH & perforate PB8- 4328'-38', & GB6- 4201'-03'. RD Perforators. Fill csg w/ 60 bbls water. Break zones down @ 4100 psi, & broke back to 1600 psi w/ 5 bbls water. SDFD.

Daily Cost: \$0**Cumulative Cost: \$17,463**

2/14/2011 Day: 3**Recompletion**

NC #3 on 2/14/2011 - RU BJ services to frac, flow well back. - RU BJ services to frac PB8- (4328'-38'), & GB6- (4201'-03'). Frac scrend out. RD BJ services. Open well to flow back. Well flowed back 100 bbls fluid. ND BOP. ND frac head. NU wellhead. NU BOP. RU rig floor, & tbg eq. PU TIH w/ ret head, & 117- jts 2 7/8. Had to circulate tbg in the hole through frac gel & sand. Tag solid sand @ 3705'. Clean out sand to 4380'. CWC. LD 4- jts 2 7/8. SDFD.

Daily Cost: \$0**Cumulative Cost: \$52,489**

2/15/2011 Day: 4**Recompletion**

NC #3 on 2/15/2011 - Swab well clean, TOH w/ RBP, trip production. - OWU. 0 psi on tbg & csg. RU sandline to swab. IFL @ 2000'. Made 9 swab runs & recovered 120 bbls fluid w/ 5% oil & no sand on final runs. FFL @ 2400'. RD sandline. PU TIH w/ 4- jts 2 7/8. Tag sand @ 4350'. Clean out sand to RBP @ 4402'. CWC. Release RBP. TOH w/ tbg & RBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 165- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 10- 3/4 guided rods, 93- 3/4 plain rods, 101- 3/4 guided rods, 1 1/2 x 22' polish rod. RU pumping unit. Fill tbg w/ 10 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 6:30 W/ 84" SL @ 5 SPM FINAL REPORT!! **Finalized**

Daily Cost: \$0**Cumulative Cost: \$63,138**



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-415

Operator: Newfield Production Company
Well: Federal 12-17-9-16
Location: Section 17, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33035
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 27, 2014.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,974' – 5,980')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____

John Rogers
Associate Director

3/31/14
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 27, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 12-17-9-16, Section 17, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33035

Ladies and Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\ tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,974 feet in the Federal 12-17-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 12-17-9-16

Location: 17/9S/16E **API:** 43-013-33035

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,026 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,872 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,151 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells, 4 injection wells, 2 shut-in wells, 1 P/A well, and 1 temporarily abandoned well in the AOR. One of the producing wells is currently in the process of being converted to an injection well and has been permitted for injection. One of the directional producing wells has a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 4 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR and 1 approved surface location inside the AOR from which a directional well will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,974 feet and 5,980 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-17-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,017 psig. The requested maximum pressure is 2,017 psig. . We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 12-17-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 1/23/2014

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-415	12/13/2013

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33025
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003
Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873
Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961
Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
s/ Brad Hill
Permitting Manager

923768

UPAXLP
NOTARY PUBLIC STATE OF UTAH
Commission Expires
January 12, 2014



Virginia Craft
NOTARY SIGNATURE

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER
8015385340	0000927358
SCHEDULE	
Start 12/13/2013	End 12/13/2013
CUST. REF. NO.	
Newfield Cause UIC-415	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
94 Lines	3.00
TIMES	
3	
MISC. CHARGES	

RECEIVED

DEC 20 2013

DIV. OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES
CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MIN
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

Start 12/13/2013 End 12/13/2013

PUBLISHED ON

SIGNATURE

[Signature]

DATE

12/13/2013


THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2210/REB/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH


I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

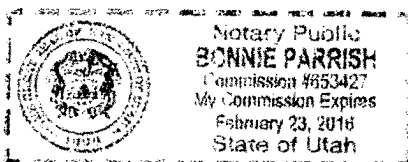

Publisher

subscribed and sworn to before me on this

23 day of December, 20 13

y Kevin Ashby.


Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCES, STATE
OF UTAH.

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS 16,
17, 18, 19, 20, 21, 23,
and 24, TOWNSHIP
9 SOUTH, RANGE
16 EAST, DUCH-
ESNE COUNTY,
UTAH, AS CLASS
II INJECTION
WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
given that the Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street.

Continued on next page

Continued from
previous page

Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative ap-
proval of the following
wells located in Duch-
esne County, Utah, for
conversion to Class II
injection wells:

'Greater Monument
Butte Unit:

State 2-16-9-16 well
located in NW/4 NE/4,
Section 16, Township 9
South, Range 16 East
API 43-013-33846

State 13-16-9-16
well located in SW/4
SW/4, Section 16,
Township 9 South,
Range 16 East
API 43-013-33853

Castle Peak 32-16-
well located in SW/4
NE/4, Section 16,
Township 9 South,
Range 16 East
API 43-013-30650

Federal 10-17-9-
16 well located in
NW/4 SE/4, Section
17, Township 9 South,
Range 16 East
API 43-013-33033

Federal 12-17-9-
16 well located in
NW/4 SW/4, Section
17, Township 9 South,
Range 16 East
API 43-013-33035

Federal 16-18-9-
16 well located in
SE/4 SE/4, Section
18, Township 9 South,
Range 16 East
API 43-013-32922

Federal 2-19-9-16
well located in NW/4
NE/4, Section 19,
Township 9 South,
Range 16 East
API 43-013-33063

Federal 6-19-9-16
well located in SE/4
NW/4, Section 19,
Township 9 South,
Range 16 East
API 43-013-33100

Federal 12-19-9-
16 well located in
NW/4 SW/4, Section
19, Township 9 South,
Range 16 East
API 43-013-33102

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,

Any person desi-
ing to object to th
application or otl
erwise intervene
the proceeding, mu
file a written prote
or notice of interve
tion with the Divisi
within fifteen da
following publicati
of this notice. The
vision's Presiding C
ficer for the proceedi
is Brad Hill, Permitti
Manager, at P.O. B
145801, Salt Lake Ci
UT 84114-5801, pho
number (801) 53
5340. If such a prot
or notice of interve
tion is received, a he
ing will be schedul
in accordance w
the aforementioned
administrative pr
cedural rules. Pro
tants and/or interv
ers should be prepar
to demonstrate at
hearing how this mat
affects their interest

Dated this 11th d
of December, 2013
STATE OF UTAH
DIVISION OF O
GAS & MINING
/s/
Brad Hill
Permitting Mana
Published in
Uintah Basin Stand
December 17, 2013

RECEIVED
DEC 24 2013
DIV OF OIL GAS & MINING

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33161

Federal 16-19-9-
16 well located in
SE/4 SE/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33163

Federal 8-20-9-16
well located in SE/4
NE/4, Section 20,
Township 9 South,
Range 16 East

API 43-013-33107

Federal 3-21-9-16
well located in NE/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33019

Federal 4-21-9-16
well located in NW/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33069

Federal 8-21-9-16
well located in SE/4
NE/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33023

Federal 2-23-9-16
well located in NW/4
NE/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33003

Castle Peak Federal
6-23 well located in
SE/4 NW/4, Section
23, Township 9 South,
Range 16 East

API 43-013-30873

Federal 8-23-9-16
well located in SE/4
NE/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-32961

Federal 14-24-9-
16 well located in
SE/4 SW/4, Section
24, Township 9 South,
Range 16 East

API 43-013-33343

The proceeding will
be conducted in ac-
cordance with Utah
Admin. R649-10, Ad-
ministrative Proce-
dures.

Selected zones in the
Green River Formation
will be used for water
injection. The maxi-
mum requested injec-
tion pressures and rates
will be determined
based on fracture gra-
dient information sub-
mitted by Newfield
Production Company.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003

Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873

Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961

Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

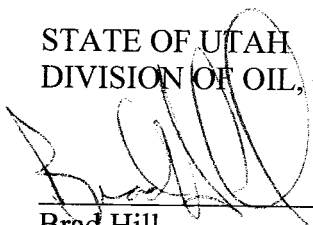
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16,
FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16,
FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16,
FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16,
FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16,
FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23,
FEDERAL 8-23-9-16, FEDERAL 14-24-9-16**

Cause No. UIC-415

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

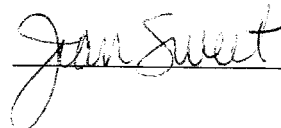
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



12/12/2013

State of Utah Mail - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Dec 12, 2013 at 1:22 PM

To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean

—

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Proof for Notice



Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

Stowe, Ken <naclegal@mediaoneutah.com>
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

Thu, Dec 12, 2013 at 12:34 PM

AD# 927358
Run SL Trib & Des News 12/13
Cost \$478.76
Thank You

 **OrderConf.pdf**
185K

Order Confirmation for Ad #0000927358-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$478.76			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$478.76	0	0	1
Payment Method		<u>PO Number</u>	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

Order Confirmation for Ad #0000927358-01

Ad Content Proof Actual Size

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

December 5, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #12-17-9-16
Monument Butte Field, Lease #UTU-52018
Section 17-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #12-17-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle
Regulatory Associate

RECEIVED

DEC 06 2013

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #12-17-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-52018
DECEMBER 5, 2013

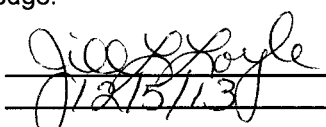
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COVER PAGE	
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WORK PROCEDURE FOR INJECTION CONVERSION	
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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #12-17-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #10-18-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #16-18-9-16
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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #12-17-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-52018</u>
Well Location: QQ <u>NWSW</u> section <u>17</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33035</u>	
Proposed injection interval: from <u>3974</u> to <u>5980</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2017</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L Loyle</u>	Signature <u></u>
Title <u>Regulatory Associate</u>	Date <u>12/15/13</u>
Phone No. <u>303-383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

Spud Date: 8-17-06
 Put on Production: 9-19-06
 GL: 6046' KB: 6058'

Federal 12-17-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.66')
 DEPTH LANDED: 323.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6012.04')
 DEPTH LANDED: 6025.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5190.4')
 TUBING ANCHOR: 5190.4' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5224.8' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5290' KB

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
 174414# 20/40 sand in 1154 bbls Lightning 17 frac fluid. Treated @ avg press of 1707 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' **Frac A1 sands as follows:**
 34935# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc flush: 4978 gal. Actual flush: 4746 gal.

02/19/07 **Pump Change.** Update rod and tubing details.
 03/30/07 **Pump Change.** Rod & Tubing detail updated

02/11/11 4201-4338' **Frac PB8 & GB6 sands as follows:** 47662# 20/40 sand in 294 bbls Lightning 17 fluid.

02/15/11 **Recompletion Finalized** - update rod and tbg detail.

PERFORATION RECORD

09-08-06	5234-5247'	4 JSPF	52 holes
09-08-06	5185-5207'	4 JSPF	88 holes
09-08-06	5157-5165'	4 JSPF	32 holes
09-08-06	5113-5131'	4 JSPF	72 holes
09-13-06	4980-4990'	4 JSPF	40 holes
02-11-11	4328-4338'	3 JSPF	30 holes
02-11-11	4201-4203'	3 JSPF	6 holes

Cement top @ 190'

Packer @ 4151'
 4201-4203'
 4328-4338'

4980-4990'

5113-5131'

5157-5165'

5185-5207'

5234-5247'

PBTD @ 5980'

SHOE @ 6025'

TD @ 6050'



Federal 12-17-9-16

1919' FSL & 668' FWL

NW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33035; Lease # UTU-52018

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #12-17-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #12-17-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3974' - 5980'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3670' and the TD is at 6050'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #12-17-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-52018) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 308' KB, and 5-1/2", 15.5# casing run from surface to 6077' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2017 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #12-17-9-16, for existing perforations (4201' - 5247') calculates at 0.83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2017 psig. We may add additional perforations between 3670' and 6050'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #12-17-9-16, the proposed injection zone (3974' - 5980') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-15.

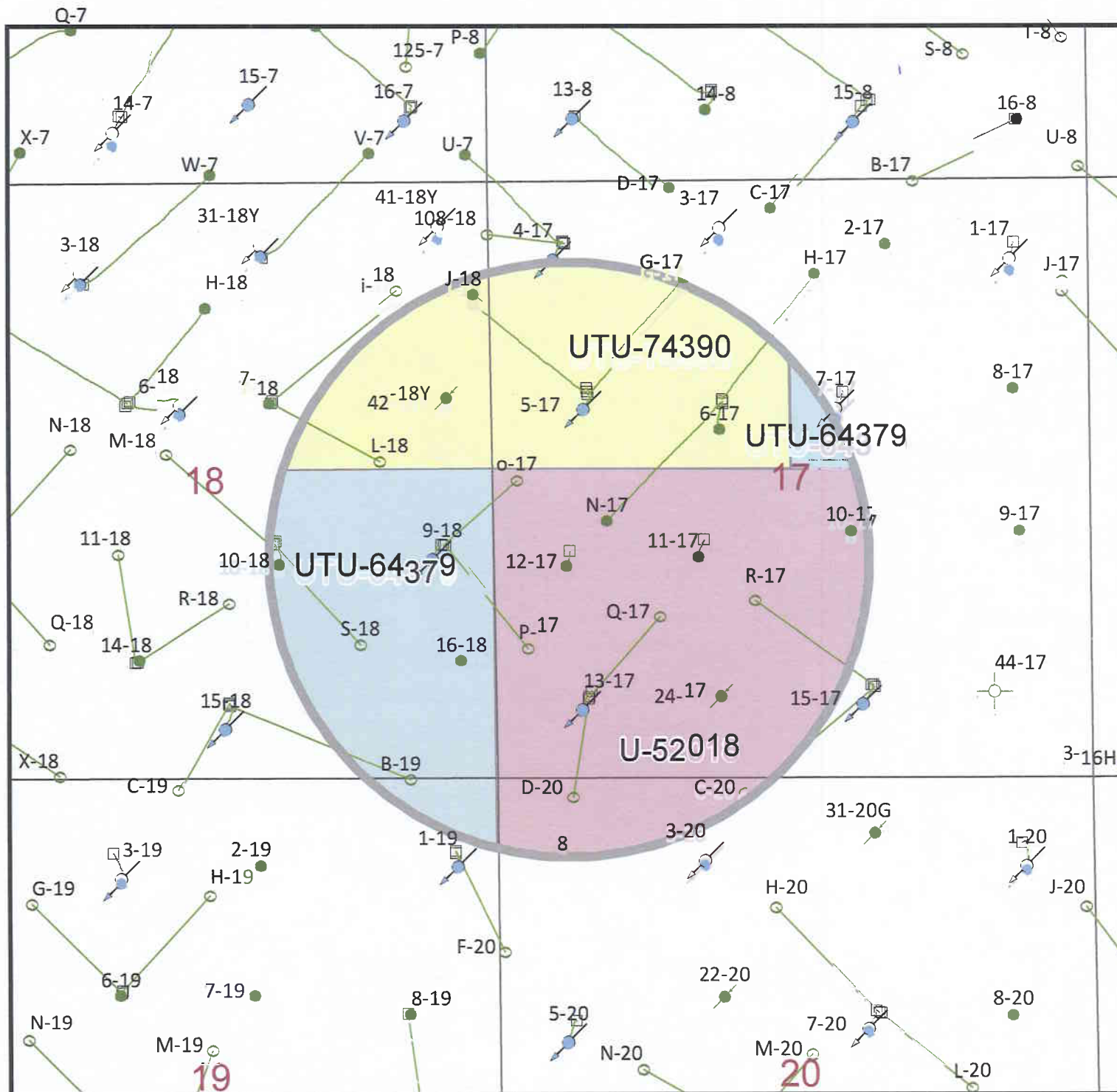
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease	Number
	U-52018
	UTU-64379
	UTU-74390
	Half-Mile Buffer
Well Status	
	Location
	CTI
	Surface Spud
	Drilling
	Waiting on Completion
	Producing Oil Well
	Producing Gas Well
	Water Injection Well
	Dry Hole
	Temporarily Abandoned
	Plugged & Abandoned
	Shut In
	Well Surface Location

Federal 12-17-9-16
Section 17, T9S-R16E

1/2 Mile Radius Map

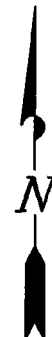
Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

Nov. 7, 2013

NEWFIELD PRODUCTION COMPANY

A horizontal graphic scale bar with alternating black and white segments. Above the bar, the markings '1000'', '500'', '0'', '500'', and '1000'' are printed from left to right. Below the bar, the words 'BAR' and 'SCALE' are printed, centered under the first half and second half of the bar respectively.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

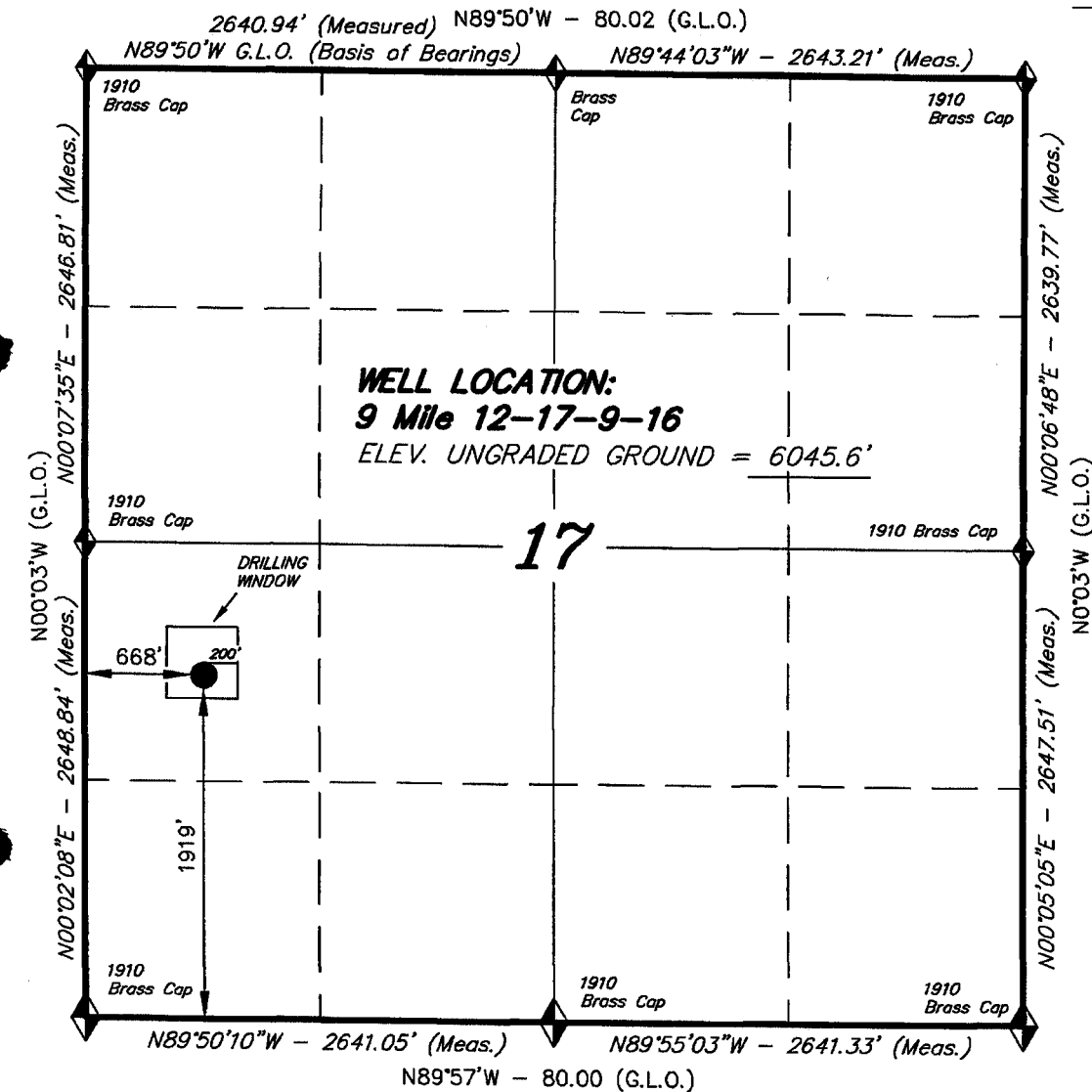
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 48937
STATE OF UTAH


180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SURVEYED BY: K.S.

DRAWN BY: F.T.M.

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 Mile 12-17-9-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 44.08"
LONGITUDE = 110° 09' 00.90"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, Lot1,2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corporation	USA

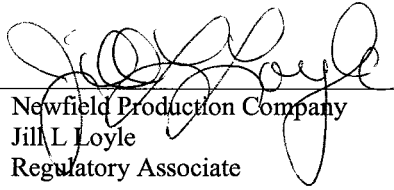
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #12-17-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 5th day of December, 2013.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 1/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Federal 12-17-9-16

Spud Date: 8-17-06
Put on Production: 9-19-06
GL: 6046' KB: 6058'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.66')
DEPTH LANDED: 323.51' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6012.04')
DEPTH LANDED: 6025.87' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5190.4')
TUBING ANCHOR: 5190.4' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5224.8' KB
NO. OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5290' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 10 - 3/4" guided rods, 93 - 3/4" plain rods,
101 - 3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
174414# 20/40 sand in 1154 bbls Lightning
17 frac fluid. Treated @ avg press of 1707 psi
w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc
flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' **Frac A1 sands as follows:**
34935# 20/40 sand in 386 bbls Lightning. 17
frac fluid. Treated @ avg press of 2372 psi
w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc
flush: 4978 gal. Actual flush: 4746 gal.

02/19/07 **Pump Change.** Update rod and tubing details.
03/30/07 **Pump Change.** Rod & Tubing detail updated

02/11/11 4201-4338' **Frac PB8 & GB6 sands as follows:** 47662#
20/40 sand in 294 bbls Lightning 17 fluid.

02/15/11 **Recompletion Finalized** - update rod and tbg
detail.

PERFORATION RECORD

09-08-06	5234-5247'	4 JSPF	52 holes
09-08-06	5185-5207'	4 JSPF	88 holes
09-08-06	5157-5165'	4 JSPF	32 holes
09-08-06	5113-5131'	4 JSPF	72 holes
09-13-06	4980-4990'	4 JSPF	40 holes
02-11-11	4328-4338'	3 JSPF	30 holes
02-11-11	4201-4203'	3 JSPF	6 holes

Cement top @ 190'

EOT @ 5290'

PBTD @ 5980'

SHOE @ 6025'

TD @ 6050'

NEWFIELD

Federal 12-17-9-16

1919' FSL & 668' FWL

NW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33035; Lease # UTU-52018

FEDERAL 10-18-9-16

Spud Date: 05/18/07

Put on Production: 6/21/07

GL: 5921' KB: 5933'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (314.33')

DEPTH LANDED: 324.33' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5900.07')

DEPTH LANDED: 5882.14' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP: 17' per CBL 6/13/7

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 124 jts (3867.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3879.1' KB

ON/OFF TOOL AT: 3880.2'

ARROW #1 PACKER CE AT: 3884.9'

XO 2-3/8 x 2-7/8 J-55 AT: 3888.6'

TBG PUP 2-3/8 J-55 AT: 3889.1'

X/N NIPPLE AT: 3893.3'

TOTAL STRING LENGTH: EOT @ 3894.89'

FRAC JOB

06/18/07 5001-5013'

Frac A3 sands as follows:

50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.

06/18/07 4785-4800'

Frac B2 sands as follows:

70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.

06/18/07 4603-4653'

Frac D3&C sands as follows:

46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.

06/18/07 3967-4026'

Frac GB4&6 sands as follows:

106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal.

02/25/10

Pump Change. Rod & Tubing updated

10/03/13 4515-4530'

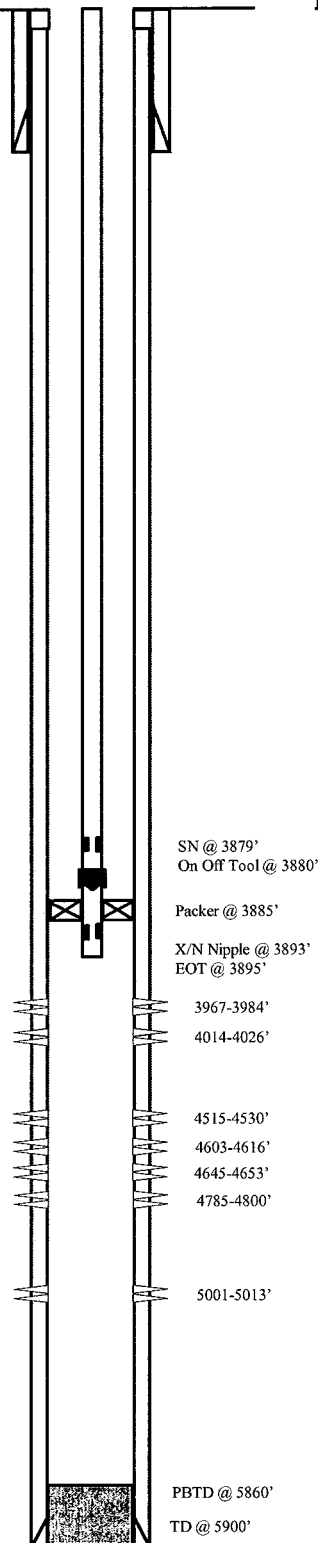
Frac D1 sands as follows:

35000# 20/40 sand in 314 bbls Lightning 17 frac fluid.

10/07/13

Convert to Injection Well

10/08/13

Conversion MIT Finalized – update tbg detailPERFORATION RECORD

06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes
10/01/13	4515-4530'	3 JSPF	45 holes

NEWFIELD**FEDERAL 10-18-9-16**

1988' FSL & 1938' FEL
 NW/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32921; Lease # UTU-64379

FEDERAL 16-18-9-16

Spud Date: 06/27/07
Put on Production: 09/13/07
GL: 6111' KB: 6123'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305.53')
DEPTH LANDED: 317.38' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6028.19')
DEPTH LANDED: 6041.44' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 167 jts (5259.32')
TUBING ANCHOR: 5271.32' KB
NO. OF JOINTS: 1 jts (31.54')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5305.66' KB
NO. OF JOINTS: 2 jts (62.65')
TOTAL STRING LENGTH: EOT @ 5369.86' KB

SUCKER RODS

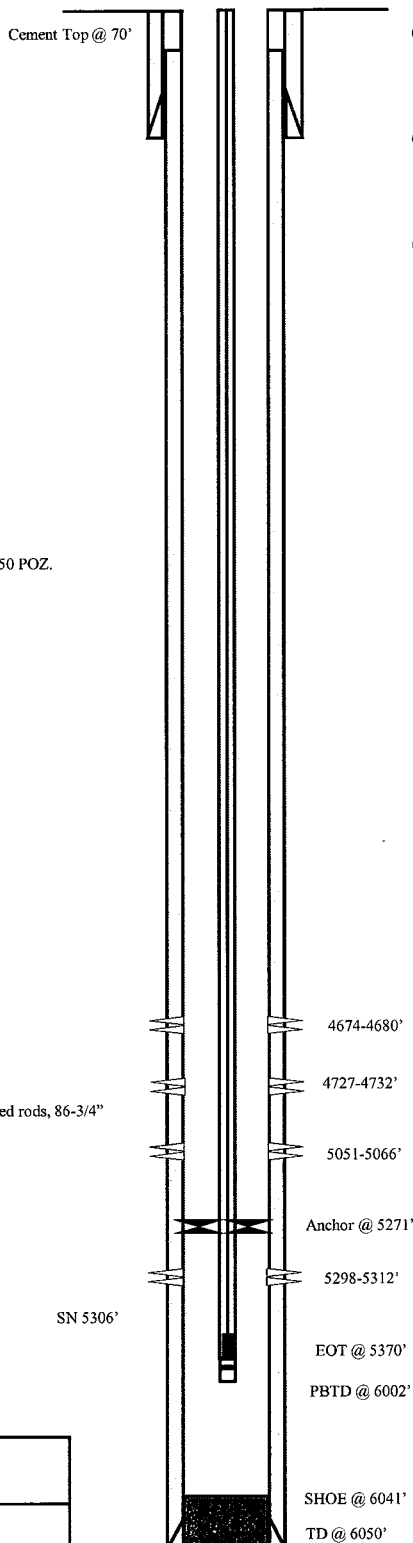
POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2', & 1-8' x 3/4" pony rods, 99-3/4" guided rods, 86-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 15" RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

FRAC JOB

09/10/07	5704-5716'	Frac LODC sands as follows: 49689# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 24.7 BPM. ISIP 2376 psi. Calc flush: 5702 gal. Actual flush: 4830 gal.
09/10/07	5051-5066'	Frac A1 sands as follows: 79844# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc flush: 4999 gal. Actual flush: 4578 gal.
09/12/07	4674-4732'	Frac D2 & D1 sands as follows: 31828# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc flush: 4672 gal. Actual flush: 4578 gal.
1-10-08		Pump Change. Updated rod & tubing details.
1/14/09		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

09/11/07	5298-5312'	4 JSPF	56 holes
09/11/07	5051-5066'	4 JSPF	60 holes
09/11/07	4727-4732'	4 JSPF	20 holes
09/11/07	4674-4680'	4 JSPF	24 holes



NEWFIELD

FEDERAL 16-18-9-16

964' FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

Federal 13-17-9-16

Spud Date: 8-3-06
Put on Production: 9-14-06
GL: 6049' KB: 6061'

Injection Wellbore Diagram

SURFACE CASING

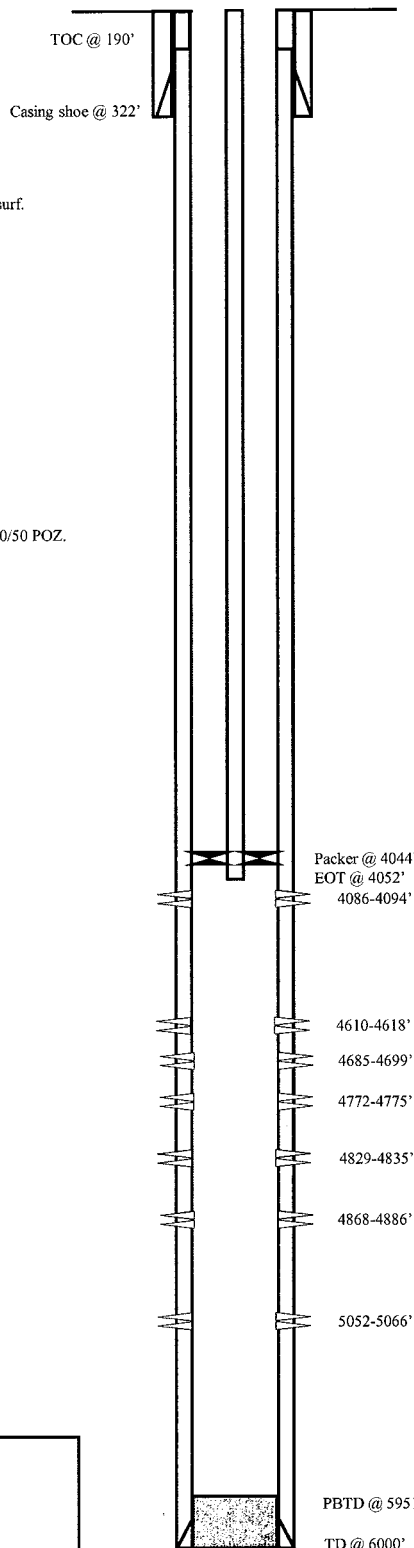
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.19')
DEPTH LANDED: 322.04' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5969.67')
DEPTH LANDED: 5982.92' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
TUBING PUP: 1 jt (6.0')
NO. OF JOINTS: 127jts (5026')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4043.2' KB
PACKER: 4044.3'
TOTAL STRING LENGTH: EOT @ 4052' KB



FRAC JOB

09-08-06 5052-5066' **Frac A3 sands as follows:**
53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.

09-08-06 4829-4886' **Frac B2, & B1 sands as follows:**
84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.

09-08-06 4610-4699' **Frac D2, & D1 sands as follows:**
70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.

09-08-06 4086-4094' **Frac GB4 sands as follows:**
29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.

1-10-08 **Pump Change.** Updated rod & tubing details.

04/04/11 **Tubing leak.** Rod & tubing updated.

05/08/12 4772-4775' **Frac C sands as follows:** 23718# 20/40 sand in 309 bbls Lightning 17 frac fluid.

05/11/12 **Convert to Injection Well**

05/15/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD

Federal 13-17-9-16

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

Federal 11-17-9-16

Spud Date: 08/21/06
Put on Production: 09/28/06
K.B.: 6013' G.L.: 6001'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.79')
DEPTH LANDED: 322.64' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G", circ. 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6008.45')
DEPTH LANDED: 6021.70' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 80' per CBL 9/13/06

TUBING (GI 3/3/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 138 jts (4368.76')
TUBING ANCHOR: 4380.76'
NO. OF JOINTS: 1 jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4414.86'
NO. OF JOINTS: 1 jts (31.7')
GAS ANCHOR: 4447.66'
2 7/8" NIPPLE: 4462.66'
NO. OF JOINTS: 5 jts (158.7')
BULL PLUG: 2-7/8" (0.8')
TOTAL STRING LENGTH: EOT @ 4622.36'

SUCKER RODS (GI 3/3/11)

POLISHED ROD: 1 1/2" x 26'
SUCKER RODS: 2', 8' x 3/4" pony rods, 75 x 7/8" guided rods(4per), 93 x 3/4" guided rods(4per), 6 x 1-1/2" sinker rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RTBC
STROKE LENGTH: 86"
PUMP SPEED, SPM: .8
PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

09/19/06	5873-5906'	Frac CP5 sands as follows: 30146# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 25.3 BPM. ISIP 2450 psi. Calc flush: 5904 gal. Actual flush: 5376 gal.
09/19/06	5532-5580'	Frac CP1, CP5 sands as follows: 55661# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25.3 BPM. ISIP 1975 psi. Calc flush: 5578 gal. Actual flush: 5040 gal.
09/19/06	5130-5214'	Frac LODC sands as follows: 90266# 20/40 sand in 656 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 25.2 BPM. ISIP 2375 psi. Calc flush: 5212 gal. Actual flush: 4662 gal.
09/20/06	4893-5026'	Frac A1, A.5, B2 sands as follows: 60197# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5024 gal. Actual flush: 4410 gal.
09/20/06	4761-4801'	Frac B.5, C sands as follows: 50215# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 28.2 BPM. ISIP 2475 psi. Calc flush: 4799 gal. Actual flush: 4284 gal.
09/20/06	4634-4644'	Frac D1 sands as follows: 28453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2311 psi w/avg rate of 14.4 BPM. ISIP 2900 psi. Calc flush: 4642 gal. Actual flush: 4436 gal.
7/25/07		Pump change. Updated rod & tubing details.
10/09/08		Pump Change. Rod & tubing updated.
10/8/09		Tubing Leak. Updated rod & tubing details.
12/6/10	4179-4320'	Frac PB8 & GB6 sands as follows: 68964# 20/40 sand in 426 bbls Lightning 17 fluid.
12/11/10		Re-Completion finalized – update rod & tbg detail.
1/12/2011		Tubing Leak. Update rod and tubing details
03/04/11		Stuck Pump. Rod & tubing details updated.

PERFORATION RECORD

09/13/06	5900-5906'	4 JSPF	24 holes
09/13/06	5873-5881'	4 JSPF	32 holes
09/19/06	5570-5580'	4 JSPF	40 holes
09/19/06	5532-5544'	4 JSPF	48 holes
09/19/06	5201-5214'	4 JSPF	52 holes
09/19/06	5160-5166'	4 JSPF	24 holes
09/19/06	5130-5137'	4 JSPF	28 holes
09/19/06	5019-5026'	4 JSPF	28 holes
09/19/06	4968-4974'	4 JSPF	24 holes
09/19/06	4893-4899'	4 JSPF	24 holes
09/20/06	4795-4801'	4 JSPF	24 holes
09/20/06	4761-4768'	4 JSPF	28 holes
09/20/06	4634-4644'	4 JSPF	40 holes
12/6/10	4318-4320'	3 JSPF	6 holes
12/6/10	4307-4310'	3 JSPF	9 holes
12/6/10	4296-4298'	3 JSPF	6 holes
12/6/10	4179-4181'	3 JSPF	6 holes

NEWFIELD

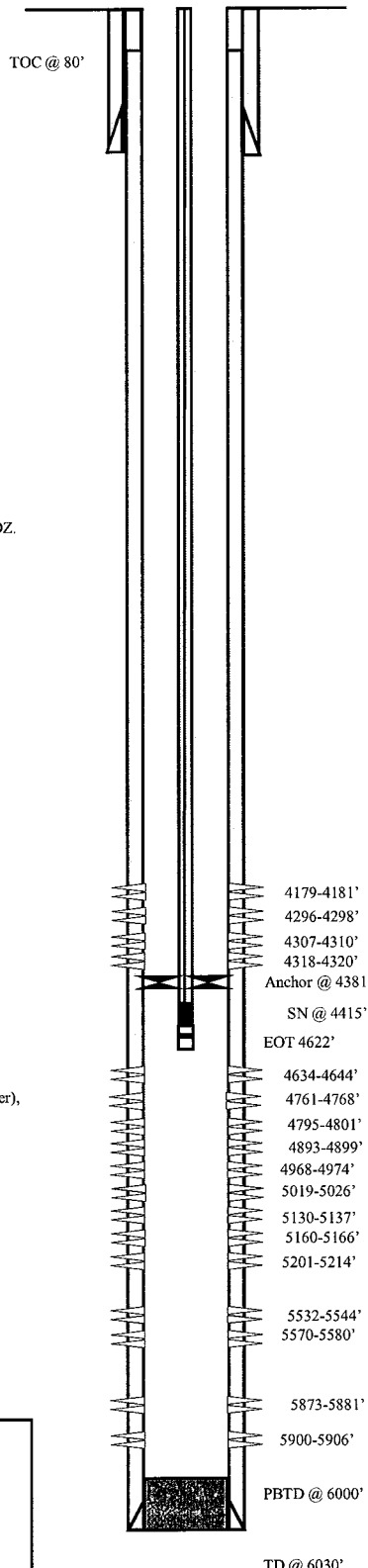
Federal 11-17-9-16

2022' FSL & 1854' FWL

NE/SW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33034; Lease #UTU-52018



FEDERAL 10-17-9-16

Spud Date: 09/01/2006
Put on Production: 10/20/2006
GL: 5995' KB: 6007'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (313.45')
DEPTH LANDED: 323.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts (6040.28')
DEPTH LANDED: 6038.28'
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Premlite II & 450 sxs 50/50 POZ.
CEMENT TOP: 30' per CBL 10/11/06

TUBING (KS 10/20/06)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176jts (5544.87')
TUBING ANCHOR: 5556.87'
NO. OF JOINTS: 1jt (31.56')
SEATING NIPPLE: 2-7/8" (1.10")
SN LANDED AT: 5591.23'
NO. OF JOINTS: 2jts (63.04')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5655.82'

SUCKER RODS (KS 10/20/06)

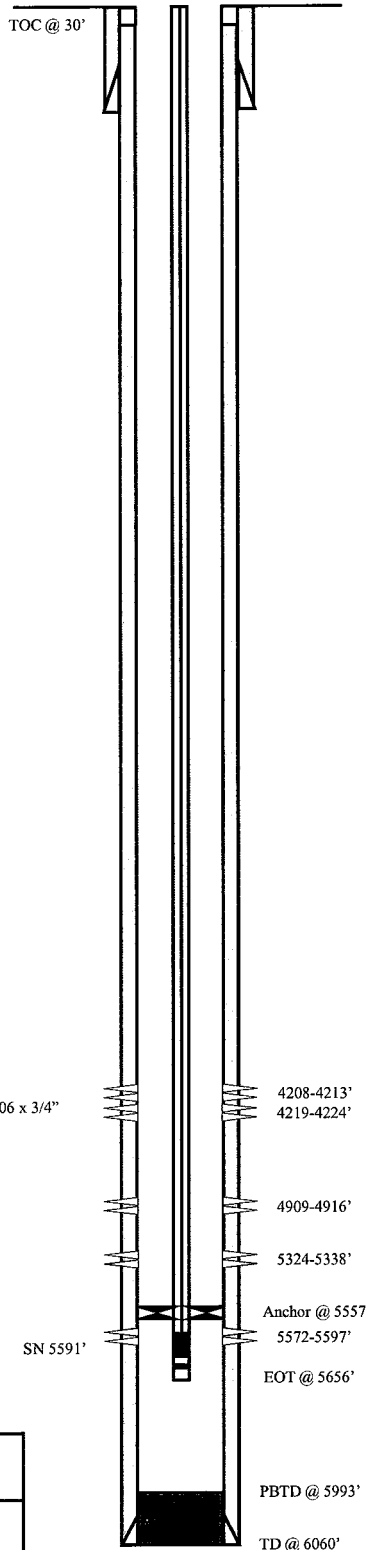
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4', 8' x 3/4" Pony Rods, 100 x 3/4" Guided Rods, 106 x 3/4" Plain Rods, 10 x 3/4" Guided Rods, 6 x 1-1/2" Weight Bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 15.5' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 3
PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

10/16/06	5572-5597'	Frac CP1 sands as follows: 90,054# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 1764 psi w/avg rate of 25 BPM. ISIP 2180 psi. Calc flush: 5570 gal. Actual flush: 5040 gal.
10/16/06	5324-5338'	Frac L.ODC sands as follows: 74829# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 5322 gal. Actual flush: 4788 gal.
10/16/06	4909-4916'	Frac B1 sands as follows: 24,379# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.6 BPM. ISIP 1930 psi. Calc flush: 4907 gal. Actual flush: 4368 gal.
10/16/06	4208-4224'	Frac GB6 sands as follows: 25,861# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4206 gal. Actual flush: 4116 gal.

PERFORATION RECORD

10/16/06	5572-5597'	4 JSPF	100 holes
10/16/06	5324-5338'	4 JSPF	56 holes
10/16/06	4909-4916'	4 JSPF	28 holes
10/16/06	4219-4224'	4 JSPF	20 holes
10/16/06	4208-4213'	4 JSPF	20 holes



NEWFIELD

FEDERAL 10-17-9-16

2102'FSL & 2117' FEL

NW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33033; Lease #UTU-52018

Spud Date: 8-26-06
 Put on Production: 10-5-06
 GL: 5941' KB: 5953'

Federal 7-17-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.66')
 DEPTH LANDED: 322.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6031.04')
 DEPTH LANDED: 6044.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 65'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55 / 6.5#
 NO. OF JOINTS: 127 jts (4009.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4021.0' KB
 ON/OFF TOOL AT: 4022.1'
 PACKER 5-1/2" ASIX w/1.875 "X" seal nipple AT: 4023.9'
 XO AT: 4030.9'
 TBG PUP 2-3/8" J-55 AT4031.4'
 XN NIPPLE 2-3/8" AT: 4035.5'
 TOTAL STRING LENGTH: EOT @ 4037'

PERFORATION RECORD

Date	Wellbore	Tool	Holes
09-20-06	5711-5736'	4 JSPF	100 holes
09-28-06	5582-5594'	4 JSPF	48 holes
09-28-06	5228-5270'	4 JSPF	84 holes
09-28-06	5030-5038'	4 JSPF	32 holes
09-28-06	4933-4938'	4 JSPF	20 holes
09-28-06	4911-4917'	4 JSPF	24 holes
09-29-06	4318-4340'	4 JSPF	88 holes
09-29-06	4074-4080'	4 JSPF	24 holes
08-29-12	5064-5065'	3 JSPF	3 holes
08-29-12	5060-5061'	3 JSPF	3 holes
08-29-12	5054-5055'	3 JSPF	3 holes

FRAC JOB

Date	Wellbore	Details
09-28-06	5711-5736'	Frac CP3 sands as follows: 60051# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.6 BPM. ISIP 2010 psi. Calc flush: 5709 gal. Actual flush: 5208 gal.
09-28-06	5582-5594'	Frac CP1 sands as follows: 34140# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2520 psi. Calc flush: 5580 gal. Actual flush: 5053 gal.
09-28-06	5228-5270'	Frac LODC sands as follows: 119568# 20/40 sand in 828 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 25.3 BPM. ISIP 2420 psi. Calc flush: 5226 gal. Actual flush: 4713 gal.
09-28-06	5030-5038'	Frac A1 sands as follows: 28464# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 2205 w/ avg rate of 25 BPM. ISIP 2340 psi. Calc flush: 5028 gal. Actual flush: 4536 gal.
09-29-06	4911-4938'	Frac B2, & B1 sands as follows: 29823# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 25.2 BPM. ISIP 1815 psi. Calc flush: 4909 gal. Actual flush: 4326 gal.
09-29-06	4318-4340'	Frac PB7 sands as follows: 73425# 20/40 sand in 552 bbls Lightning 17 frac fluid. Treated @ avg press of 2830 w/ avg rate of 24.9 BPM. ISIP 3290 psi. Calc flush: 4316 gal. Actual flush: 3822 gal.
09-29-06	4074-4080'	Frac GB2 sands as follows: 20053# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 w/ avg rate of 25 BPM. ISIP 1770 psi. Calc flush: 4072 gal. Actual flush: 3990 gal.
03-17-08		Major Workover
03-14-08	5030'-5038'	Acidize and Squeeze A1 sands as follows: pump 7 bbls techni-hib 767, 4 drms acid ave pump press @1816psi @ 2.2 BPM. ISIP @ 2100psi.
03-14-08	5228'-5270'	Acidize LODC sand as follows: 20 bbls techni-hib 767, 8 drms acid ave pump press 2128psi @ 4.3 BPM. ISIP @ 2000psi
03-14-08	5582'-5594'	Acidize CP1 sands as follows: 20 bbls techni-hib, 5 drms acid. Ave pump press @ 2585psi @ 2.7 BPM. ISIP @ 2058psi
03-14-08	5711'-5736'	Acidize CP3 sands as follows: 20 bbls techni-hib, 8 drms acid. Ave pump press @ 2307psi @ 3.9 BPM. ISIP @ 1655psi
02-15-07		Pump Change: Update rod and tubing details.
04-13-07		Tubing Leak: Updated rod and tubing detail.
7-18-07		Tubing Leak: Updated rod & tubing detail.
1/12/09		Tubing Leak. Updated rod & tubing details.
8/26/09		Tubing Leak. Updated rod & tubing details.
9/22/2010		Major Workover. Update rod and tubing details
1/27/2011		Tubing Leak. Update rod and tubing details
08/31/12	5054-5065'	Frac A3 sands as follows: 26408# 20/40 sand in 274bbls Lightning 17 frac fluid.
09/07/12		Convert to Injection Well
09/10/12		Conversion MIT Finalized – update tbg detail

NEWFIELD

Federal 7-17-9-16
 1974' FNL & 2179' FEL
 SW/NE Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33030; Lease # UTU-64379

PBDT @ 5992'

SHOE @ 6044'

TD @ 6055'

FEDERAL 9-18-9-16

Spud Date: 7/31/08

Put on Production: 9/23/08

GL: 5306' KB: 5318'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (296.14')

DEPTH LANDED: 307.99'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 153 jts (6222.42')

DEPTH LANDED: 6076.98'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sx Premilite II and 450 sx 50/50 poz

CEMENT TOP : 137'

TUBING

SIZE/GRADE/WT.: 2 7/8 / 6.5# / J-55

NO. OF JOINTS: 129 jts (4058.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4070.8'

ON/OFF TOOL AT: 4071.9'

ARROW #1 PACKER CE AT: 4076.65'

XO 2-3/8 x 2-7/8 J-55 AT: 4080.3'

TBG PUP 2-3/8 J-55 AT: 4080.8'

X/N NIPPLE AT: 4084.9'

TOTAL STRING LENGTH: EOT @ 4087'

Cement Top @ 137'

Casing Shoe @ 308'

SN @ 4071'

On Off Tool @ 4071'

Packer 4077'

X/N Nipple @ 4085'

EOT @ 4087'

4122-4132'

4212-4132'

4352-4358'

4378-4384'

4682-4688'

4936-4942'

4958-4962'

5052-5064'

5166-5182'

5394-5415'

PBTD @ 5994'

TD @ 6150'

FRAC JOB

9/18/07 5394-5415'

Frac LODC sds as follows: 85,173#s of 20/40 sand in 688 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2345 psi w/ ave rate of 24.8 BPM. ISIP 2500 psi.

9/18/07 5166-5182'

Frac A3 sds as follows: 98,499#s of 20/40 sand in 773 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1870 psi w/ ave rate of 24.8 BPM. ISIP 2315 psi.

05/28/08

Pump change. Updated rod and tubing details

8/25/08 5052-5064'

RU BJ & frac A.5 sds as follows: 49,743#s of 20/40 sand in 459 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2143 w/ ave rate of 22.9 bpm w/ 8 ppg of sand. ISIP was 2486.

8/25/08 4958-4962'

RU BJ & frac stage #2 as follows: 29,943#s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1986 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 1955.

8/25/08 4682-4688'

RU BJ & frac stage #3 as follows: 24,780#s of 20/40 sand in 344 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1984 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 2000.

8/25/08 4352-4358'

RU BJ & frac stage #4 as follows: 40,471#s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2224 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2177.

8/25/08 4212-4226'

RU BJ & frac stage #5 as follows: 40,033#s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

8/25/08 4122-4132'

RU BJ & frac stage #5 as follows: 40,033#s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

6/12/09

Tubing Leak. Updated rod & tubing details.

11/18/2010

Pump Change. Update rod and tubing details

11/29/2011

Pump Change. Updated rod & tubing detail.

2/17/12

Pump Change: updated rod & tubing detail

10/24/12

Convert to Injection Well

10/25/12

Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

8/25/08	4122-4132'	4 JSPF	40 holes
8/25/08	4212-4226'	4 JSPF	56 holes
8/25/08	4352-4358'	4 JSPF	24 holes
8/25/08	4378-4384'	4 JSPF	24 holes
8/25/08	4682-4688'	4 JSPF	24 holes
8/25/08	4958-4962'	4 JSPF	16 holes
8/25/08	4936-4942'	4 JSPF	24 holes
8/22/08	5052-5064'	4 JSPF	48 holes
9/18/07	5166-5182'	4 JSPF	84 holes
9/18/07	5394-5415'	4 JSPF	84 holes

NEWFIELD**FEDERAL 9-18-9-16**2054' FSL & 470' FEL
NE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32920; Lease # UTU-64379

Spud Date: 03/10/97
Put on Production: 4/10/97
GL: 6064' KB: 6078'

Monument Federal 42-18-9-16Y

Initial Production: 23.5 BOPD,
13.5 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 261'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" + 2% CaCl₂ + 1/4#/sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts (5859')
DEPTH LANDED: 5869'
HOLE SIZE: 7-7/8"
CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel .6#/sx BA-981 + .5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5258.81')
TUBING ANCHOR: 5268.81'
NO. OF JOINTS: 2 jts (62.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5333.63' KB
NO. OF JOINTS: 1 Perf sub (4.0')
TOTAL STRING LENGTH: EOT @ 5370.19'

ROD STRING

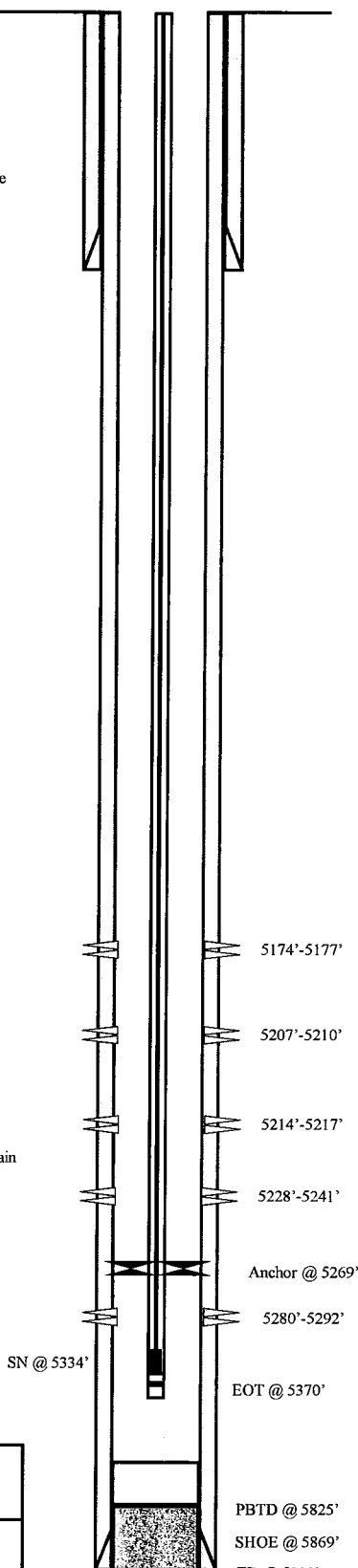
POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 153-3/4" plain rods, 50-3/4" scraped rods, 1-3/4" plain rods, 2-4', 1-6' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 4
LOGS: DLL, CNL/LDT, CBL/GR

FRAC JOB

3/27/97 5174'-5292' **Frac G3, G4 sands as follows:**
30,600# 20/40 sand and 69,200# 16/30 sand in 719 bbl 2% KCL water. Avg. Treating pressure of 1850 psi @ 34.5 BPM, ISIP 1900 psi.
10/27/04 Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

3/26/97	5280'-5292'	2 JSPF	06 holes
3/26/97	5228'-5241'	2 JSPF	06 holes
3/26/97	5214'-5217'	2 JSPF	06 holes
3/26/97	5207'-5210'	2 JSPF	26 holes
3/26/97	5174'-5177'	2 JSPF	24 holes



NEWFIELD

Monument Federal 42-18-9-16Y
2007 FNL & 388 FEL
SE/NE Sec. 18, T9S R16E
Duchesne, County
API# 43-013-31724; Lease# UTU-74390

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
Put on Production: 8/30/1996
GL: 6008' KB: 6018'

Initial Production: 20 BOPD,
NM MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 268.95'
DEPTH LANDED: 279.95'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5716.51'
DEPTH LANDED: 5726.51'
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
CEMENT TOP AT: 2027' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 145 jts. 4549.45'
TUBING ANCHOR: 4559.45'
NO. OF JOINTS: 2 jt. (60.20')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4622.45' KB
NO. OF JOINTS: 1 jt. (60.19')
TOTAL STRING LENGTH: EOT @ 4684.19'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1 1/4" x 22' polished rods, 1-2', 2-6' x 3/4" pony rods, 177-3/4' guided rods, 6-1 1/2" wt bars
PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4 SPM

FRAC JOB

8/13/96 5200'-5234' **Frac LODC as follows:**
29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.

8/16/96 4845'-4955' **Frac A & B sands as follows:**
44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.

8/16/96 4664'-4669' **Frac D-2 as follows:**
21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.

6/06/98 5482'-5562' **Frac CP as follows:**
102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.

6/09/98 5032'-5140' **Frac LODC as follows:**
95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.

6/11/98 4585'-4595' **Frac D-1 as follows:**
117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.

7/15/98 Squeeze 5032'-5140' w/ 90 sxs Class "G".

01/08/03 5022'-5148' **Frac UPLDC sands follows:**
247,818 # 20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush: 1291 gal. Actual flush: 1176 gal.

6/04/04 Pump Change.

10/25/04 Tubing Leak. Update rod and tubing details.

12/30/04 Tubing Leak. Update rod details.

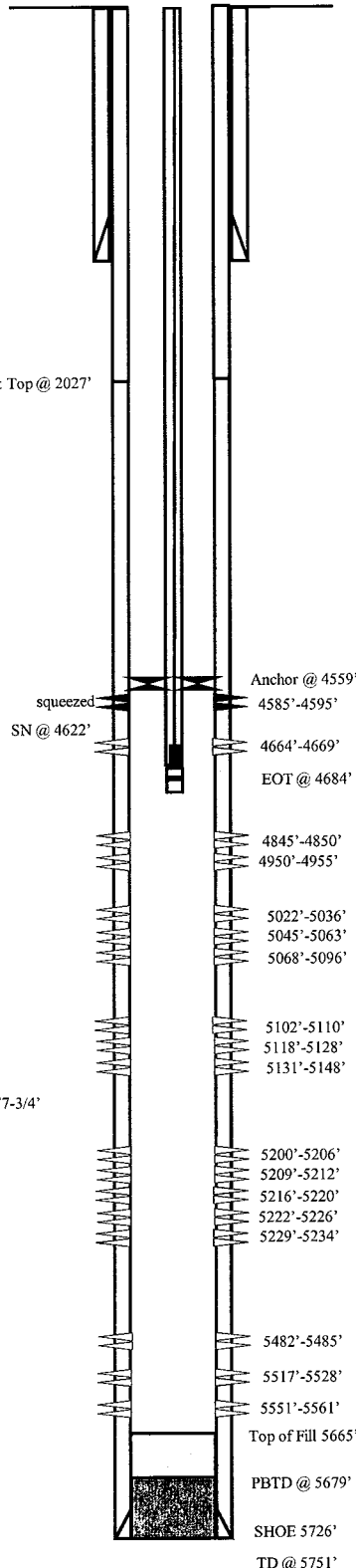
1/24/05 Pump change. Update rod and tubing details.

08/16/05 Tubing Leak. Update rod and tubing details.

03/09/06 Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
8/12/96	5216'-5220'	4 SPF	16 holes
8/12/96	5222'-5226'	4 SPF	16 holes
8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
8/15/96	4950'-4955'		06 holes
8/16/96	4664'-4669'	4 SPF	20 holes
6/05/98	5482'-5485'	4 SPF	12 holes
6/05/98	5517'-5528'	4 SPF	44 holes
6/05/98	5551'-5561'	4 SPF	40 holes
6/08/98	5032'-5035'	2 SPF	06 holes
6/08/98	5047'-5062'	2 SPF	30 holes
6/08/98	5069'-5076'	2 SPF	14 holes
6/08/98	5083'-5095'	2 SPF	24 holes
6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)



Monument Fed. #24-17-9-16
660' FSL & 1980' FWL
SESW Section 17-T9S-R16E
Duchesne Co, Utah
API #43-013-31682; Lease #U-52018

NEWFIELD												
GMBU G-17-9-16												
Uinta Central Basin - Duchesne County, Utah, USA												
Surf Location: SW/NW - Sec 17, T9S, R16E; 1,897' FNL & 863' FEL												
5985' GL + 10' KB												
API#: 43-013-51168; Lease#: UTU-74390												
Spud Date: 10/13/2012; PoP Date: 1/31/2013												
Paul Lembcke												
PFM 11/20/2012												
8-5/8"Shoe @ 322.47'												
5-1/2"Shoe @ 6357.8'												
PBTD @ 6311'												
TVD @ 6230'												
BHST = 170°F												
MD 6386												
Cement												
Surf On 10/13/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.												
Prod On 11/3/12 Baker pumped 240 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 20 bbls to the pit. TOC @ Surface.												

8-5/8" Shoe @ 322.47'

5-1/2" Shoe @ 6357.8'

PBTD @ 6311'

TVD @ 6230'

BHST = 170°F

MD 6386

NEWFIELD**GMBU J-18-9-16**

Monument Butte - Duchesne County, Utah, USA

Surf Location: SW/NW - Sec 17, T9S, R16E; 1,876' FNL & 858' FWL

Elevation: 5985' GL + 10' KB

AP# 43-013-51169; Lease#: UTU-74390

Paul Lambcke

DLB 5/7/13

Spud Date: 10/11/12; PoP Date: 1/31/13

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole	
	Surf	10'	324'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250	
	Prod	10'	6,343'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG. DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger			
	10'	5,826'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,728'			
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod				30'	1 1/2"	C(API)	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,755'				
	4per Guided Rod			30'	1,880'	7/8"	Tenaris D78	1,850'	74					
	4per Guided Rod				1,880'	5,055'	3/4"	Tenaris D78	3,175'					127
	Guided Rod				5,055'	5,755'	3/4"	Tenaris D78	700'					28
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary								
4	4,731'	4,732'	3	0.34	1/16/2013	Formation:	D1	DS3						
	4,737'	4,739'	3	0.34	1/16/2013	20/40 White:	64,241 lbs	15% HCl:	0 gals					
	4,796'	4,800'	3	0.34	1/16/2013	Pad:	1,798 gals	Treating Fluid:	14,708 gals					
						Flush:	4,712 gals	Load to Recover:	21,218 gals					
						ISIP=	0.910 psi/ft	Max STP:	2,732 psi					
3	5,177'	5,178'	3	0.34	1/16/2013	Formation:	A1							
	5,181'	5,183'	3	0.34	1/16/2013	20/40 White:	20,166 lbs	15% HCl:	252 gals					
						Pad:	1,999 gals	Treating Fluid:	5,684 gals					
						Flush:	5,149 gals	Load to Recover:	13,084 gals					
						ISIP=	0.913 psi/ft	Max STP:	3,400 psi					
2	5,356'	5,360'	3	0.34	1/16/2013	Formation:	LODC							
						20/40 White:	40,665 lbs	15% HCl:	252 gals					
						Pad:	2,730 gals	Treating Fluid:	8,315 gals					
						Flush:	5,355 gals	Load to Recover:	16,652 gals					
						ISIP=	0.860 psi/ft	Max STP:	2,798 psi					
1	5,767'	5,770'	3	0.34	1/14/2013	Formation:	CP2							
						20/40 White:	15,615 lbs	15% HCl:	630 gals					
						Pad:	3,599 gals	Treating Fluid:	3,977 gals					
						Flush:	5,775 gals	Load to Recover:	13,352 gals					
						ISIP=	0.760 psi/ft	Max STP:	3,656 psi					
CEMENT	Surf	On 10/15/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.												
	Prod	On 10/30/12 Baker pumped 240 sks lead @ 11 ppg w/ 1.24 yield plus 470 sks tail @ 14.4 ppg w/ 3.53 yield. Returned 15 bbls to the pit. TOC @ surface.												

8-5/8" Shoe @ 324'

EOT @ 5826'; TA @ 5728'
5-1/2" Shoe @ 6343'PBTD @ 6300'
TVD @ 6244' 6161
BHST = 190°F
MD 6304

NEWFIELD



Schematic

Well Name: GMBU N-17-9-16

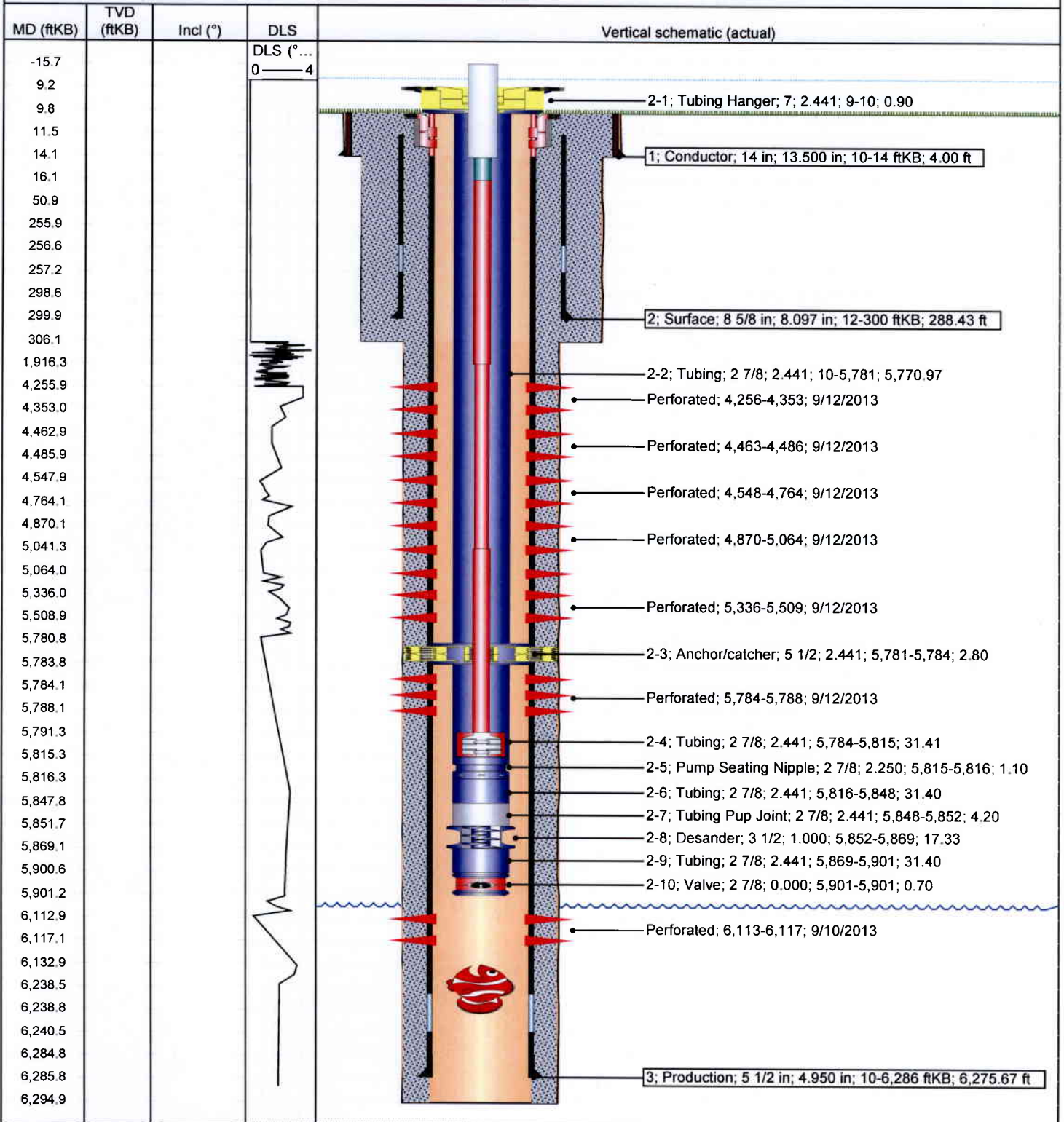
Surface Legal Location				API/UWI	Well RC	Lease	State/Province	Field Name	County
SENW 1965 FNL 2048 FWL Sec 17 T9S R16E Mer SLB				43013515810000	500335182	UTU74390	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)			PBTD (All) (ftKB)	
8/16/2013	9/2/2013	10/4/2013	6,016	6,006				Original Hole - 6,239.0	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	9/10/2013	10/17/2013

TD: 6,295.0

Slant - <des>, 1/23/2014 1:28:26 PM



West Point 4-17-9-16

Spud Date: 11/13/2001
Put on Production: 7/23/02
GL: 6014' KB: 6024'

Initial Production: 39 BOPD,
915 MCFD, 3 BWPD

Injection Wellbore
DiagramSURFACE CASING

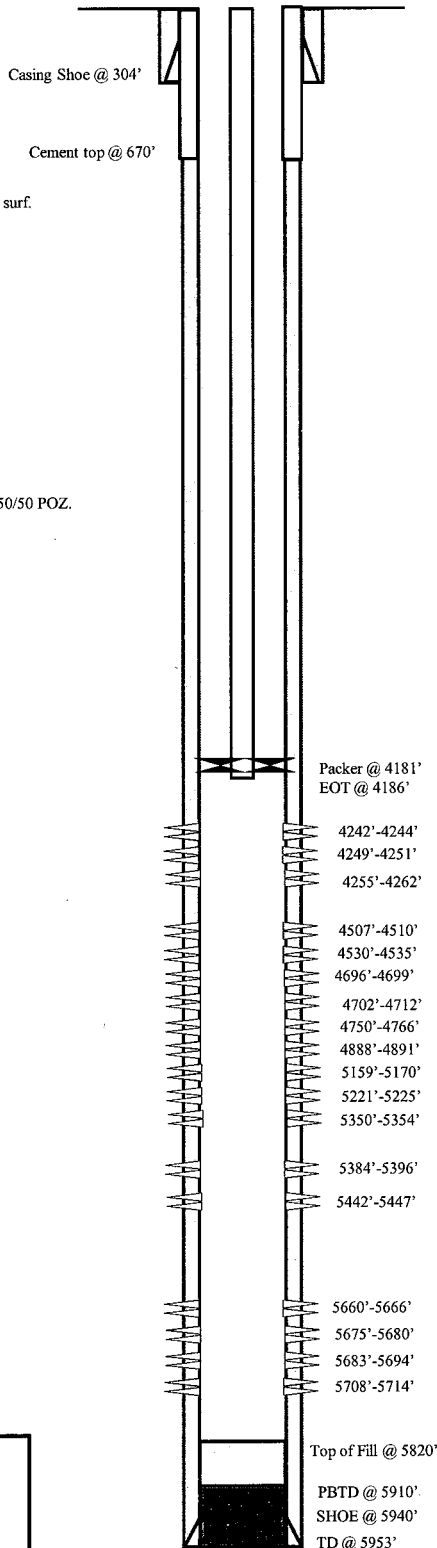
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.67')
DEPTH LANDED: 303.67' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5943.32')
DEPTH LANDED: 5940.92' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 500 sxs 50/50 POZ.
CEMENT TOP AT: 670' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 129 jts (4167')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4177' KB
CE @ 4181.17'
TOTAL STRING LENGTH: EOT @ 4186' KB

FRAC JOB

7/16/02 5660'-5714' **Frac CP1,2,3 sand as follows:**
75,449# 20/40 sand in 590 bbls Viking I-25 fluid. Treated @ avg press of 1617 psi w/avg rate of 26.1 BPM. ISIP 2180 psi. Calc flush: 5660 gal. Actual flush: 5565 gal.

7/16/02 5159'-5447' **Frac A3, LODC sands as follows:**
99,628# 20/40 sand in 699 bbls Viking I-25 fluid. Treated @ avg press of 2039 psi w/avg rate of 26.1 BPM. ISIP 2880 psi. Calc flush: 5159 gal. Actual flush: 5061 gal.

7/16/02 4696'-4891' **Frac DS3, D1, A3 sands as follows:**
90,540# 20/40 sand in 625 bbls Viking I-25 fluid. Treated @ avg press of 1505 psi w/avg rate of 25.4 BPM. ISIP 2130 psi. Calc flush: 4696 gal. Actual flush: 4599 gal.

7/16/02 4242'-4535' **Frac GB4, PB10, PB11 sands as follows:**
61,611# 20/40 sand in 458 bbls Viking I-25 fluid. Treated @ avg press of 1969 psi w/avg rate of 25.9 BPM. ISIP 2200 psi. Calc flush: 4242 gal. Actual flush: 4158 gal.

1/22/04 **Pump Change.**

2/2/04 **Pump Change.** Update rod and tubing details.

03/19/04 **Pump Change.**

5/9/05 **Tubing leak.** Update rod and tubing details.

02/21/06 **Tubing leak.**

02/22/06 **Tubing leak.** Update rod and tubing details.

07-12-06 **Pump Change.** Update rod & tubing details

03/23/11 **Pump Change** Rod & tubing details updated.

09/23/11 **Convert to Injection Well**

09/27/11 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

7/12/02	5708'-5714'	4 JSPF	24 holes
7/12/02	5683'-5694'	4 JSPF	44 holes
7/12/02	5675'-5680'	4 JSPF	20 holes
7/12/02	5660'-5666'	4 JSPF	24 holes
7/16/02	5442'-5447'	4 JSPF	20 holes
7/16/02	5384'-5396'	4 JSPF	48 holes
7/16/02	5350'-5354'	4 JSPF	16 holes
7/16/02	5221'-5225'	4 JSPF	16 holes
7/16/02	5159'-5170'	4 JSPF	44 holes
7/16/02	4888'-4891'	4 JSPF	12 holes
7/16/02	4750'-4766'	4 JSPF	64 holes
7/16/02	4702'-4712'	4 JSPF	40 holes
7/16/02	4696'-4699'	4 JSPF	12 holes
7/16/02	4530'-4535'	4 JSPF	20 holes
7/16/02	4507'-4510'	4 JSPF	12 holes
7/16/02	4255'-4262'	4 JSPF	28 holes
7/16/02	4249'-4251'	4 JSPF	08 holes
7/16/02	4242'-4244'	4 JSPF	08 holes

NEWFIELD**West Point 4-17-9-16**

532' FNL & 667' FWL
NWNW Section 17-T9S-R16E

Duchesne Co, Utah
API #43-013-32280; Lease #UTU-74390

West Point #5-17-9-16

Spud Date: 12/10/2001
Put on Injection: 7/30/2003
GL: 5984' KB: 5994'

Initial Production: 63 BOPD,
115 MCFD, 21 BWPD

Injection Well
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (302.04')
DEPTH LANDED: 310.04' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5849.11')
DEPTH LANDED: 5846.71' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 210' per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 126 jts (4103.08')
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4113.08' KB
PACKER: 4117.48'
TOTAL STRING LENGTH: EOT @ 4121.53' KB

Cement Top@ 210'

SN @ 4113'
Packer @ 4117'
EOT @ 4122'

4211'-4216' GB6
4660'-4663' D1
4665'-4669' D1
4822'-4828' B.5
4868'-4870' B1
4926'-4932' B2
4946'-4949' B2
5067'-5075' A1
5104'-5106' A3
5116'-5124' A3
5160'-5174' LODC
5207'-5232' LODC
5262'-5277' LODC

Top of fill @ 5637'
PBTD @ 5776'
SHOE @ 5847'
TD @ 5851'

FRAC JOB

7/22/02 5067'-5277' **Frac A1, A3, LODC sands as follows:**
158,285# 20/40 sand in 1062 bbls Viking I-25 fluid. Treated @ avg press of 1650 psi w/avg rate of 28 BPM. ISIP 2040 psi. Calc flush: 5067 gal. Actual flush: 4998 gal.

7/22/02 4822'-4949' **Frac B0.5, B1, B2 sands as follows:**
59,431# 20/40 sand in 474 bbls Viking I-25 fluid. Treated @ avg press of 2100 psi w/avg rate of 27 BPM. ISIP 2010 psi. Calc flush: 4822 gal. Actual flush: 4725 gal.

7/22/02 4660'-4669' **Frac D1 sand as follows:**
19,371# 20/40 sand in 237 bbls Viking I-25 fluid. Treated @ avg press of 2250 psi w/avg rate of 27 BPM. ISIP 1910 psi. Calc flush: 4660 gal. Actual flush: 4578 gal.

7/22/02 4211'-4216' **Frac GB6 sands as follows:**
19,416# 20/40 sand in 173 bbls Viking I-25 fluid. Treated @ avg press of 2800 psi w/avg rate of 24.5 BPM. Screened out w/ 7623# sand in formation and 11,793# sand in casing. Calc flush: 4211 gal. Actual flush: 1911 gal. ISIP - NA.

7/30/03
6/25/08

Converted to Water Injector.
5 Year MIT completed and submitted.

PERFORATION RECORD

7/19/02	5262'-5277'	4 JSPF	60 holes
7/19/02	5207'-5232'	4 JSPF	100 holes
7/19/02	5160'-5174'	4 JSPF	56 holes
7/19/02	5116'-5124'	4 JSPF	32 holes
7/19/02	5104'-5106'	4 JSPF	08 holes
7/19/02	5067'-5075'	4 JSPF	32 holes
7/22/02	4946'-4949'	4 JSPF	12 holes
7/22/02	4926'-4932'	4 JSPF	24 holes
7/22/02	4868'-4870'	4 JSPF	08 holes
7/22/02	4822'-4828'	4 JSPF	24 holes
7/22/02	4665'-4669'	4 JSPF	16 holes
7/22/02	4660'-4663'	4 JSPF	12 holes
7/22/02	4211'-4216'	4 JSPF	20 holes

NEWFIELD**West Point #5-17-9-16**

1845' FNL & 850' FWL

SWNW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-32281; Lease #UTU-74390

West Point 6-17-9-16

Spud Date: 4/11/02

Put on Production: 8/12/02

GL: 6005' KB: 6015'

Initial Production: 52 BOPD,

52 MCFD, 14 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts (298.85')

DEPTH LANDED: 306.85'

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, circ 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131jts (5853.63')

DEPTH LANDED: 5851.23'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sxs Premlite II & 450 sxs 50/50 POZ.

CEMENT TOP AT: 610' per CBL 8/5/02

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 128 jts (4148.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4158.2' KB

ON/OFF TOOL AT: 4159.3'

ARROW #1 PACKER CE AT: 4164.5'

XO 2-3/8 x 2-7/8 J-55 AT: 4168.2'

TBG PUP 2-3/8 J-55 AT: 4168.7'

X/N NIPPLE AT: 4172.8'

TOTAL STRING LENGTH: EOT @ 4174.4'

FRAC JOB

8/05/02 5233'-5386'

Frac LODC sand as follows:

199,413# 20/40 sand in 859 bbls Viking I-25 fluid. Treated @ avg press of 1657 psi w/avg rate of 25.5 BPM. ISIP 2250 psi. Calc flush: 5233 gal. Actual flush: 5166 gal.

8/05/02 4890'-5114'

Frac B1, A1, A3 sands as follows:

65,332# 20/40 sand in 280 bbls Viking I-25 fluid. Treated @ avg press of 1876 psi w/avg rate of 26.1 BPM. ISIP 2140 psi. Calc flush: 4890 gal. Actual flush: 4809 gal.

8/05/02 4614'-4707'

Frac D1, DS2 sands as follows:

43,479# 20/40 sand in 210 bbls Viking I-25 fluid. Treated @ avg press of 2458 psi w/avg rate of 22.4 BPM. ISIP 1940 psi. Calc flush: 4614 gal. Actual flush: 4536 gal.

8/06/02 4234'-4442'

Frac GB6, PB10 sands as follows:

49,565# 20/40 sand in 228 bbls Viking I-25 fluid. Treated @ avg press of 2234 psi w/avg rate of 24.5 BPM. ISIP 2150 psi. Calc flush: 4234 gal. Actual flush: 4116 gal.

10/7/02

Pump change. Update rod details.

8/24/04

Parted Rods. Update rod details.

07/07/05

Parted Rods. Update rod and tubing details

10/25/13

Convert to Injection Well

10/30/13

Conversion MIT Finalized – update tbg detail

SN @ 4158'

On Off Tool @ 4159'

Packer @ 4164'

X/N Nipple @ 4173'

EOT @ 4174'

4234'-4251'

4434'-4442'

4614'-4624'

4693'-4696'

4704'-4707'

4890'-4903'

5067'-5073'

5107'-5114'

5233'-5325'

5332'-5340'

5348'-5364'

5372'-5386'

PBTD @ 5825'

TD @ 5853'

PERFORATION RECORD

8/02/02	5372'-5386'	2 JSPF	28 holes
8/02/02	5348'-5364'	2 JSPF	32 holes
8/02/02	5332'-5340'	2 JSPF	16 holes
8/02/02	5233'-5325'	2 JSPF	184 holes
8/05/02	5107'-5114'	4 JSPF	28 holes
8/05/02	5067'-5073'	4 JSPF	24 holes
8/05/02	4890'-4903'	4 JSPF	52 holes
8/05/02	4704'-4707'	4 JSPF	12 holes
8/05/02	4693'-4696'	4 JSPF	12 holes
8/05/02	4614'-4624'	4 JSPF	40 holes
8/06/02	4434'-4442'	4 JSPF	32 holes
8/06/02	4234'-4251'	4 JSPF	68 holes

NEWFIELD

West Point 6-17-9-16

1984' FNL & 2050' FWL

SE NW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-32283; Lease #UTU-74390

LCN 10/31/13

NEWFIELD



Schematic

Well Name: GMBU H-17-9-16

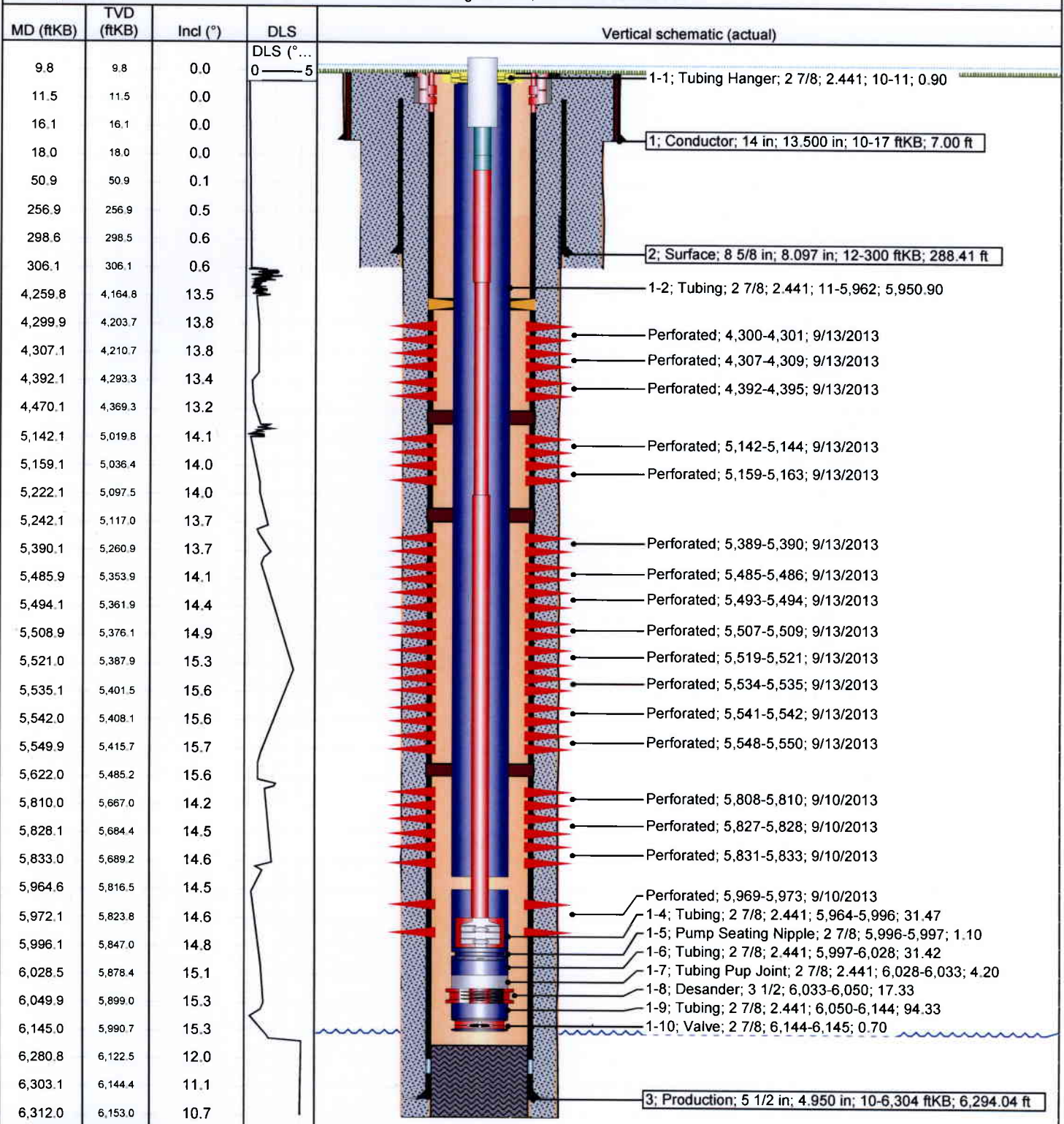
Surface Legal Location SENW 1944 FNL 2044 FWL Sec 17 T9S R16E Mer SLB				API/UWI 43013515730000	Well RC 500335149	Lease UTU74390	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/17/2013	Rig Release Date 9/6/2013	On Production Date 10/4/2013	Original KB Elevation (ft) 6,016	Ground Elevation (ft) 6,006	Total Depth All (TVD) (ftKB) Original Hole - 6,153.0		PBTD (All) (ftKB) Original Hole - 6,281.0		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 9/10/2013	Job End Date 10/4/2013
------------------------------------	--	---------------------------	-----------------------------	---------------------------

TD: 6,312.0

Vertical - Original Hole, 1/23/2014 1:29:28 PM



Multi-Chem Analytical Laboratory

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Vernal, UT 84078

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Michael McBride**Well Name: **FEDERAL 12-17-9-16**Lab Tech: **Gary Winegar**Sample Point: **Treater**Sample Date: **7/17/2013**Sample ID: **WA-248313**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	7/24/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	6067.92	Chloride (Cl):	7000.00
System Pressure 1 (psig):	60	Potassium (K):	51.00	Sulfate (SO ₄):	942.00
System Temperature 2 (°F):	210	Magnesium (Mg):	12.00	Bicarbonate (HCO ₃):	3050.00
System Pressure 2 (psig):	60	Calcium (Ca):	15.00	Carbonate (CO ₃):	
Calculated Density (g/ml):	1.009	Strontium (Sr):	1.60	Acetic Acid (CH ₃ COO)	
pH:	10.00	Barium (Ba):	0.14	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	17151.12	Iron (Fe):	0.60	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.10	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	120.00	Manganese (Mn):	0.04	Silica (SiO ₂):	10.70

Notes:

B=8

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	2.36	13.07	0.00	0.00	4.68	0.33	2.75	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.24	0.01
200.00	60.00	2.33	13.07	0.00	0.00	4.69	0.33	2.72	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.35	0.01
190.00	60.00	2.29	13.06	0.00	0.00	4.70	0.33	2.68	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.46	0.01
180.00	60.00	2.25	13.06	0.00	0.00	4.72	0.33	2.64	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.58	0.01
170.00	60.00	2.22	13.05	0.00	0.00	4.74	0.33	2.60	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.70	0.01
160.00	60.00	2.18	13.04	0.01	0.00	4.77	0.33	2.56	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.83	0.01
150.00	60.00	2.15	13.04	0.05	0.01	4.80	0.33	2.51	0.43	0.00	0.00	0.00	0.00	0.00	0.00	10.97	0.01
140.00	60.00	2.12	13.03	0.10	0.02	4.84	0.33	2.46	0.43	0.00	0.00	0.00	0.00	0.00	0.00	11.11	0.01
130.00	60.00	2.09	13.02	0.15	0.02	4.88	0.33	2.41	0.43	0.00	0.00	0.00	0.00	0.00	0.00	11.26	0.01
120.00	60.00	2.06	13.01	0.20	0.03	4.93	0.33	2.37	0.43	0.00	0.00	0.00	0.00	0.00	0.00	11.42	0.01

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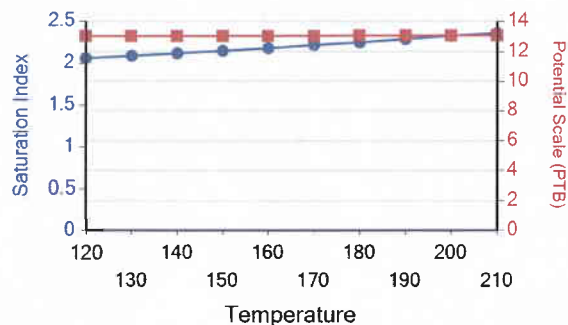
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ •0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.01	12.01	0.04	11.98	12.97	5.92	6.76	13.78	0.47
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.01	12.18	0.04	11.71	12.97	5.78	6.76	13.64	0.47
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.01	12.37	0.04	11.44	12.97	5.64	6.76	13.50	0.47
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.01	12.56	0.04	11.16	12.97	5.50	6.76	13.35	0.47
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.01	12.76	0.04	10.87	12.97	5.35	6.76	13.20	0.47
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.01	12.97	0.04	10.57	12.97	5.20	6.75	13.04	0.47
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.01	13.19	0.04	10.26	12.97	5.05	6.75	12.89	0.47
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.01	13.43	0.04	9.95	12.97	4.90	6.75	12.72	0.47
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.01	13.67	0.04	9.63	12.97	4.75	6.75	12.56	0.47
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.01	13.93	0.04	9.31	12.97	4.59	6.75	12.40	0.47

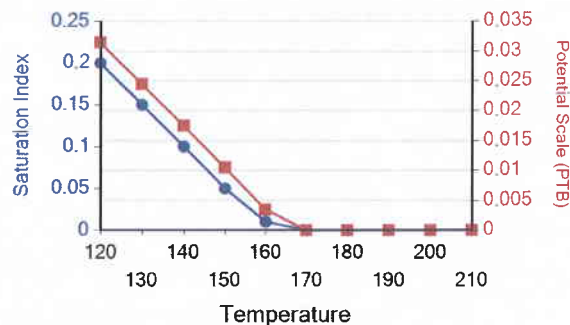
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

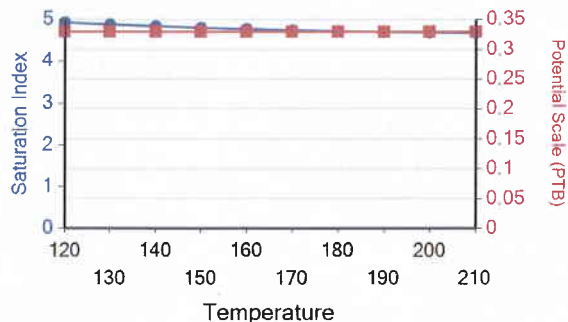
Calcium Carbonate



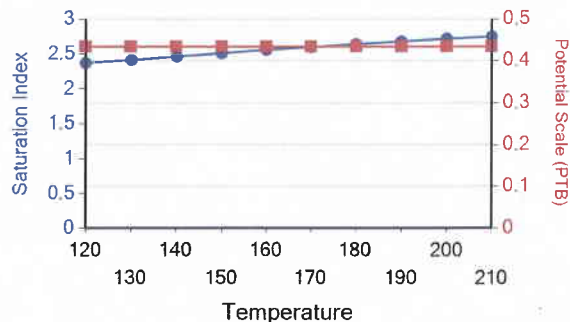
Barium Sulfate



Iron Sulfide



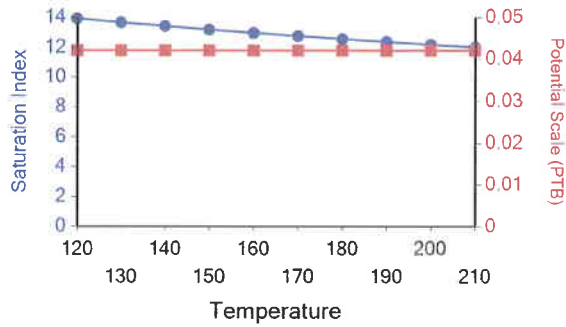
Iron Carbonate



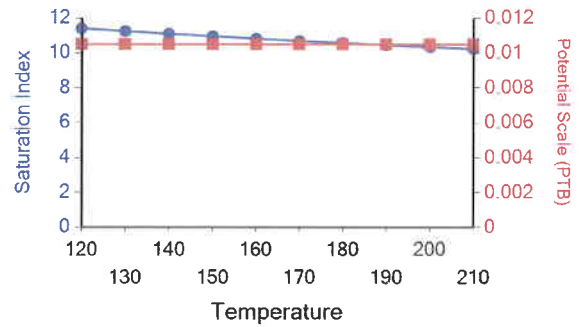
Multi-Chem Analytical Laboratory
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Vernal, UT 84078

Water Analysis Report

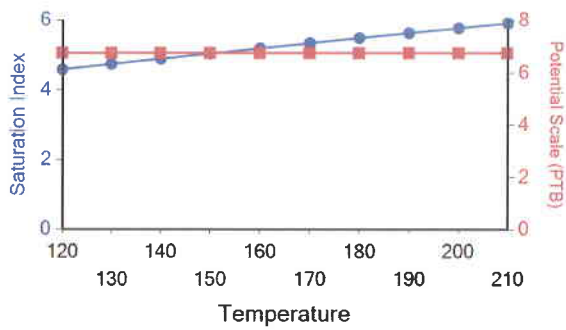
Lead Sulfide



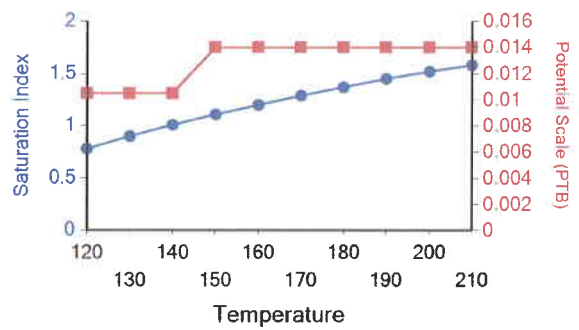
Zinc Sulfide



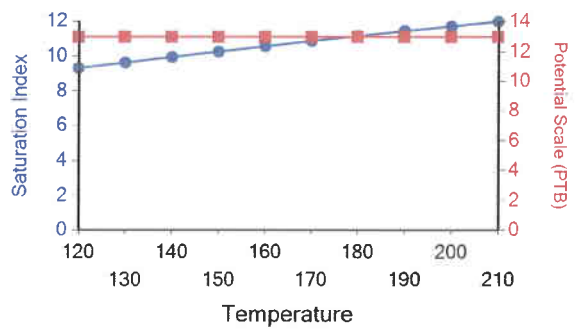
Ca Mg Silicate



Zinc Carbonate

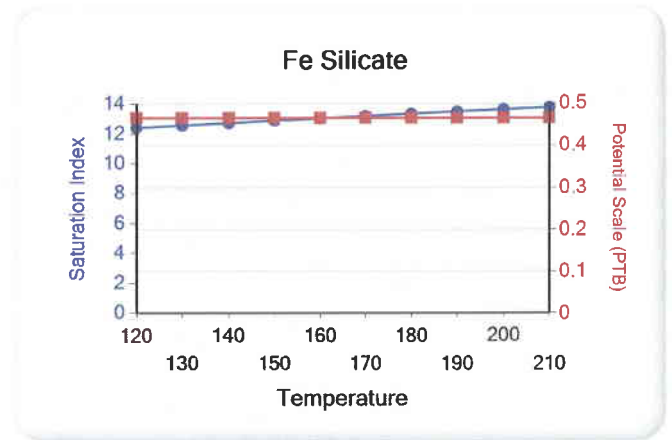


Mg Silicate



Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078

Water Analysis Report



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After Filter**Sample Date: **12/4/2012**Sample ID: **WA-229142**Sales Rep: **Michael McBride**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/5/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120.00	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	46.20	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
pH:	6.80	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2304.49	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	15.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	2.50	Manganese (Mn):	0.04	Silica (SiO ₂):	

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Multi-Chem Analytical Laboratory

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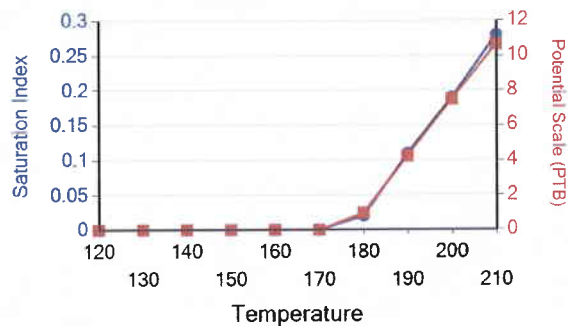
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ •0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

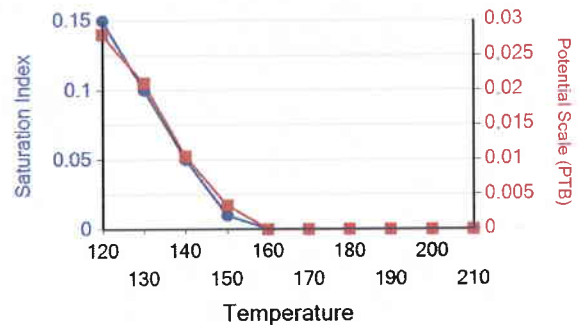
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide

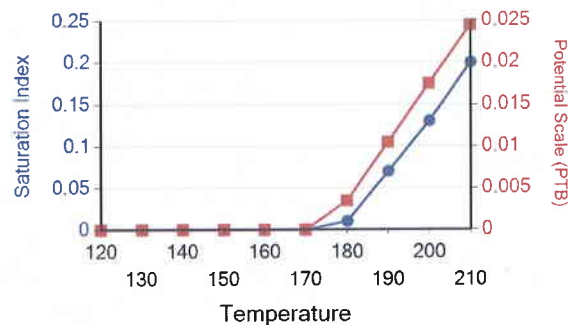
Calcium Carbonate



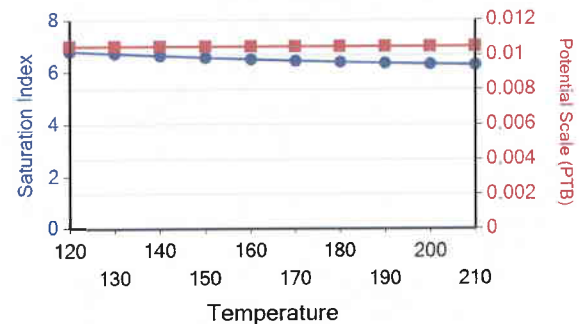
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Attachment "G"

**Federal #12-17-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5113	5247	5180	2050	0.83	2017 ←
4980	4990	4985	2550	0.95	2518
				Minimum	<u>2017</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16

Report Date: 9-9-06

Day: 01

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6025' Csg PBTD: 6175'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Sep-06

SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6175' & cement top @ 190'. Perforate stage #1, LODC sds @ 5234-47', 5185-5207', 5157-65', 5113-31' w/ 4" Port guns (19 gram, .46"HE 120°) w/ 4 spf for total of 244 shots. 142 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 147 Starting oil rec to date: _____
 Fluid lost/recovered today: 0 Oil lost/recovered today: _____
 Ending fluid to be recovered: 147 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type: _____

Company: _____

Procedure or Equipment detail: _____

Weatherford BOP

NPC NU crew

NDSI trucking

Perforators LLC

Drilling cost

Zubiate Hot Oil

Location preparation

NPC wellhead

Benco - anchors

Admin. Overhead

NPC Supervisor

Max TP: Max Rate: Total fluid pmpd: _____

Avg TP: Avg Rate: Total Prop pmpd: _____

ISIP: 5 min: 10 min: FG: _____

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16Report Date: Sept 14, 2006Day: 2aOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6025' Csg PBTD: 6175'WLTbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 13-Sep-06SITP: SICP: 0 psi

Day 2a.

RU BJ Services. 0 psi on well. Frac LODC sds w/ 174,414#'s of 20/40 sand in 1154 bbls of Lightning 17 fluid. Broke @ 1794 psi Treated w/ ave pressure of 1707 psi @ ave rate of 24.9 BPM. ISIP 2050 psi. Leave pressure on well 1301 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 147 Starting oil rec to date:
 Fluid lost/recovered today: 1154 Oil lost/recovered today:
 Ending fluid to be recovered: 1301 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: LODC sands13300 gals of pad8944 gals W/ 1-5 ppg of 20/40 sand17872 gals W/ 5-8 ppg of 20/40 sand3228 gals W/ 8 ppg of 20/40 sandFlush W/ 504 gals of 15% HCL acidFlush W/ 4620 gals of slick water**Flush called @ blender--includes 2 bbls pump/line volume**Max TP: 2103 Max Rate: 25.2 BPM Total fluid pmpd: 1154 bblsAvg TP: 1707 Avg Rate: 24.9 BPM Total Prop pmpd: 174,414#'sISIP: 2050 5 min: 10 min: FG: .83Completion Supervisor: Orson Barney

BJ Services-LODC

NPC frac wtr

NPC fuel gas

Weatherford tools/serv

NPC trucking

NPC Supervisor

DAILY COST: \$0TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16Report Date: Sept 14, 2006Day: 2bOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323'Prod Csg: 5-1/2" @ 6025'Csg PBTD: 6175'WLTbg: Size: Wt:Grd: Pkr/EOT @:BP/Sand PBTD: 5050'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4980-4990'	4/40			
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 13-Sep-06SITP: SICP: 1680 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 5050'. Perforate A1 sds @ 4980- 90' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 40 shots. RU BJ Services. 1680 psi on well. Frac A1 sds w/ 34,935#'s of 20/40 sand in 386 bbls of Lightning 17 fluid. Broke @ 3873 psi. Treated w/ ave pressure of 2372 psi @ ave rate of 24.9 BPM. ISIP 2550 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 hrs & died. Rec 176 BTF (11% of total frac load). SIWFN w/ 1511 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1301Starting oil rec to date: Fluid lost/recovered today: 210Oil lost/recovered today: Ending fluid to be recovered: 1511Cum oil recovered: IFL: FFL: FTP:Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: A1 sands3300 gals of pad2431 gals W/ 1-4 ppg of 20/40 sand4890 gals W/ 4-6.5 ppg of 20/40 sand845 gals W/ 6.5 ppg of 20/40 sandFlush W/ 4746 gals of slick waterBJ Services-A1NPC frac wtrNPC fuel gasWeatherford tools/servLone Wolf WLNPC SupervisorUnichem chemicalsNPC flowback handMonks pit reclaimNPC sfc equipmentMecham labor/weldingNPC location cleanupNDSI wtr disposalMax TP: 2608 Max Rate: 25.2 BPM Total fluid pmpd: 386 bblsAvg TP: 2372 Avg Rate: 24.9 BPM Total Prop pmpd: 34,935#'sISIP: 2550 5 min: 10 min:FG: .95Completion Supervisor: Orson BarneyDAILY COST: \$0TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16

Report Date: Sept 18, 2006

Day: 3

Operation: Completion

Rig: NC #2

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6025' Csg PBTD: 5980'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5905' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4980-4990'	4/40			
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/15/06

SITP: SICP: 0

MIRU NC#2. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit
 bit sub & 2 7/8" tbg. From pipe racks (tallying & drifting). Tag @ 4955'. RU powerswivel & pump. C/O to CBP @
 5050'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag @ 5865'. C/O to PBTD @ 5980'. Circulate well clean. Pull up to
 5905'. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1511 Starting oil rec to date:
 Fluid lost/recovered today: 100 Oil lost/recovered today:
 Ending fluid to be recovered: 1611 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

NC #2

Weatherford BOP

Mtn. West Sanitation

NDSI Trucking

NPC water & truck

CDI TAC

CDI PSN

CDI pump

UniChem

Weatherford chomp bit

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Doh Dulen

NPC Supervision

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16

Report Date: Sept 19, 2006

Day: 4

Operation: Completion

Rig: NC #2

WELL STATUS

Surf Csg: 8-5/8" @ 323' Prod Csg: 5-1/2" @ 6025' Csg PBTD: 5980'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5298' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4980-4990'	4/40			
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/18/06

SITP: 0 SICP: 0

RIH w/ swab. SFL @ surface. Made 17 runs. Recovered 160 bbls. Ending oil cut @ approx. 5%. No show of sand
 Small show of gas. EFL @ 900'. RIH w/ tbg. Tag @ 5970'. C/O to PBTD @ 5980'. Circulate well clean. POOH w/
 tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 165 jts
 2 7/8" tbg. ND BOP. Set TAC @ 5202' w/ 16000# tension. NU wellhead. X-over for rods. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1611 Starting oil rec to date: 0
 Fluid lost/recovered today: 60 Oil lost/recovered today: 0
 Ending fluid to be recovered: 1551 Cum oil recovered: 0
 IFL: surface FFL: 900' FTP: Choke: Final Fluid Rate: Final oil cut: 5%

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

NC #2

Company:

Weatherford BOP

Procedure or Equipment detail:

NPC Trucking

B&L new 2 7/8" tbg.

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

NPC Supervision

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 12-17-9-16Report Date: Sept 20, 2006Day: 5Operation: CompletionRig: NC #2

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6025' Csg PBTD: 5980'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5302' BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A1 sds	4980-4990'	4/40			
LODC sds	5113-5131'	4/72			
LODC sds	5157-5165'	4/32			
LODC sds	5185-5207'	4/88			
LODC sds	5234-5247'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/19/06SITP: 0 SICP: 0

RIH w/ CDI 2 1/2" x 1 1/2" x 10' x 14' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 93- 3/4" slick rods, 100- 3/4" guided rods, 1 1/2" x 22' polished rod. Seat pump. Tbg. Was full. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 1:30 p.m. 86" stroke length, 5 spm. Final Report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1551 Starting oil rec to date: 0
 Fluid lost/recovered today: 0 Oil lost/recovered today: 0
 Ending fluid to be recovered: 1551 Cum oil recovered: 0
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

PRODUCTION TBG DETAIL

ROD DETAIL

COSTS

KB 12.00'			NC #2
165 2 7/8" J-55 tbg	5190.38'	1 1/2" X 22' polished rod	Weatherford BOP
TA 2.80'	5202.38'	100- 3/4" scraped rods	NPC frac head
1 2 7/8" J-55 tbg	31.60'	93- 3/4" plain rods	NPC frac tk(5x7days)
SN 1.10'	5236.78'	10- 3/4" scraped rods	NPC swab tk(3days)
2 2 7/8" J-55 tbg	63.33'	6- 1 1/2" weight bars	"A" grade rod string
2 7/8" NC.	.45'	CDI 2 1/2" x 1 1/2" x 14'	polished rod pkg.
EOT @ 5301.66'		RHAC pump	

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
 Completion Supervisor: Don Dulen

NPC Supervision
 DAILY COST: _____ \$0
 TOTAL WELL COST: _____

Daily Activity Report**Format For Sundry****FEDERAL 12-17-9-16****12/1/2010 To 4/28/2011****2/10/2011 Day: 1****Recompletion**

NC #3 on 2/10/2011 - MIRUSU. TOH w/ rods. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbq & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbq to 3000 psi w/ 7 bbls water. Good test. Unseat rod pump. TOH w/ 100- 3/4 guided rods. Flush tbq & rods w/ 20 bbls water @ 250°. TOH w/ 93- 3/4 plain rods, 10- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X- over to tbq eq. ND wellhead. Release TA. NU BOP. RU VES to run gyro survey. RD VES. VES tagged fill @ 5720'. SDFD.

Daily Cost: \$0**Cumulative Cost: \$7,545****2/11/2011 Day: 2****Recompletion**

NC #3 on 2/11/2011 - TOH w/ tbq, TIH w/ RBP, perf new zones. - RU rig floor. TOH w/ 165- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. Used 20 bbls water to keep tbq clean. PU TIH w/ RBP, & 140- jts 2 7/8. Set RBP @ 4402'. TOH w/ 140- jts 2 7/8, & ret head. RD rig floor. ND BOP. ND wellhead. RU frac head & BOP. RU Perforators. RIH & dump bail sand on top of RBP. Pressure test RBP, BOP, & csg to 4500 psi. Good test. RIH & perforate PB8- 4328'-38', & GB6- 4201'-03'. RD Perforators. Fill csg w/ 60 bbls water. Break zones down @ 4100 psi, & broke back to 1600 psi w/ 5 bbls water. SDFD.

Daily Cost: \$0**Cumulative Cost: \$17,463****2/14/2011 Day: 3****Recompletion**

NC #3 on 2/14/2011 - RU BJ services to frac, flow well back. - RU BJ services to frac PB8- (4328'-38'), & GB6- (4201'-03'). Frac scrend out. RD BJ services. Open well to flow back. Well flowed back 100 bbls fluid. ND BOP. ND frac head. NU wellhead. NU BOP. RU rig floor, & tbq eq. PU TIH w/ ret head, & 117- jts 2 7/8. Had to circulate tbq in the hole through frac gel & sand. Tag solid sand @ 3705'. Clean out sand to 4380'. CWC. LD 4- jts 2 7/8. SDFD.

Daily Cost: \$0**Cumulative Cost: \$52,489****2/15/2011 Day: 4****Recompletion**

NC #3 on 2/15/2011 - Swab well clean, TOH w/ RBP, trip production. - OWU. 0 psi on tbq & csg. RU sandline to swab. IFL @ 2000'. Made 9 swab runs & recovered 120 bbls fluid w/ 5% oil & no sand on final runs. FFL @ 2400'. RD sandline. PU TIH w/ 4- jts 2 7/8. Tag sand @ 4350'. Clean out sand to RBP @ 4402'. CWC. Release RBP. TOH w/ tbq & RBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 165- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 10- 3/4 guided rods, 93- 3/4 plain rods, 101- 3/4 guided rods, 1 1/2 x 22' polish rod. RU pumping unit. Fill tbq w/ 10 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 6:30 W/ 84" SL @ 5 SPM FINAL REPORT!! **Finalized**

Daily Cost: \$0**Cumulative Cost: \$63,138**

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4151'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 159' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 373'

The approximate cost to plug and abandon this well is \$42,000.

Federal 12-17-9-16

Spud Date: 8-17-06
Put on Production: 9-19-06
GL: 6046' KB: 6058'

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.66')
DEPTH LANDED: 323.51' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6012.04')
DEPTH LANDED: 6025.87' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
CEMENT TOP AT: 190'

Cement top @ 190'

Pump 44 sx Class "G" Cement down 5-1/2" casing to 373'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1524'-1644')

159' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2871'-3030')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4151'
4201-4203'
4328-4338'

4980-4990'

5113-5131'

5157-5165'

5185-5207'

5234-5247'

PBTD @ 5980'

SHOE @ 6025'

TD @ 6050'

NEWFIELD



Federal 12-17-9-16

1919' FSL & 668' FWL

NW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33035; Lease # UTU-52018



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2014

Rosie Purnell
NEWFIELD PRODUCTION COMPANY
Rt 3 Box 3630
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the FEDERAL 12-17-9-16 well (43013330350000). Total expenses in the amount of \$ 36556.00 were submitted for the Production Enhancement work that commenced on February 12, 2014 and was completed on February 13, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 36556.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING			FORM 15 AMENDED REPORT Original Filing Date: 5/14/2014
DESIGNATION OF WORKOVER OR RECOMPLETION			
1. Name of Operator NEWFIELD PRODUCTION COMPANY		2. Utah Account Number 82695.1	5. Well Name and Number FEDERAL 12-17-9-16
3. Address of Operator State Zip 1001 17th Street, Suite 2000 Denver CO 80202		4. Phone Number 303 382-4443	6. API Number 4301333035
9. Location of Well Footage: 1919 FSL 0668 FWL County: DUCHESNE QQ, Sec, Twnp, Rnge: NWSW 17 090S 160E State : UTAH			7. Field Name MONUMENT BUTTE 8. Field Code Number 105
COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.			
10. TYPE OF WORK (Check all that apply) <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well		11. WORK PERIOD Date work commenced: 2/12/2014 90 Days From Date work completed: 2/13/2014 Completion	
12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:			
<u>Description Of Work</u>		<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup		47.00	47.00
b. Move-in, rig-up, and rig-down (including trucking)		0.00	0.00
c. Rig charges (including fuel)		20684.00	20684.00
d. Drill pipe or other working string		0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)		11282.00	11282.00
f. Equipment purchase		0.00	0.00
g. Equipment rental		2186.00	2186.00
h. Cementing		0.00	0.00
i. Perforating		0.00	0.00
j. Acidizing		0.00	0.00
k. Fracture stimulation		0.00	0.00
l. Logging services		0.00	0.00
m. Supervision and overhead		2357.00	2357.00
n. Other (itemize) 0 0		0.00 0.00 0.00	0.00 0.00 0.00
o. Total submitted expenses		36556.00	
p. Total approved expenses (State use only)			36556.00
13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.			
Contractor	Location (City, State)	Services Provided	
Nabors Completion and Production Services	Houston TX	Completion Rig	
14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest
I hereby certify that this report is true and complete to the best of my knowledge.			
NAME (PLEASE PRINT) Rosie Purnell	TITLE Revenue Accountant II	PHONE 281 210-5460	
SIGNATURE Rosie Purnell	DATE May 14, 2014	E-MAIL rpurnell@newfield.com	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-52018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 12-17-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333035

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1919 FSL 668 FWL

COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: NWSW, 17, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/13/2014	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 02/13/2014.

On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 02/25/2014

Daily Activity Report

Format For Sundry

FEDERAL 12-17-9-16

12/1/2013 To 4/28/2014

2/12/2014 Day: 2

Conversion

Nabors #1108 on 2/12/2014 - CHECK TBG AND CSG PRESSURES. PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - ROAD RIG TO 12-17-9-16. - ROAD RIG TO 12-17-9-16. - SPOT RIG, RU RIG - SPOT RIG, RU RIG - UNHANG RODS AND HORSES HEAD. - UNHANG RODS AND HORSES HEAD. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - FLUSH TBG WITH 30 BBLS @ 250 F. - FLUSH TBG WITH 30 BBLS @ 250 F. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP

TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - ROAD RIG TO 12-17-9-16. - ROAD RIG TO 12-17-9-16. - SPOT RIG, RU RIG - SPOT RIG, RU RIG - UNHANG RODS AND HORSES HEAD. - UNHANG RODS AND HORSES HEAD. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - FLUSH TBG WITH 30 BBLS @ 250 F. - FLUSH TBG WITH 30 BBLS @ 250 F. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING.

Daily Cost: \$0

Cumulative Cost: \$25,231

2/13/2014 Day: 3

Conversion

Nabors #1108 on 2/13/2014 - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT. - TRAVEL TIME - CHECK TBG PRESSURE, 3000 PSI, HOLD TEST FOR 30 MIN AND GOT A GOOD TBG TEST. - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG, TRIED BABY RED, 2" AND 2.5" OBANNON FISHING TOOLS, PUMPED 90 BBLS WATER DOWN CSG @ 250 F AND STILL COULDN'T GET S.V. OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT - POOH WITH TBG AND REMOVED S.V. FROM PSN. - TIH WITH PACKER ASSY AND 131 JNTS TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TO 3000 PSI, HOLD TBG TEST BUT FAILED, BUMP UP AND HOLD FOR NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - CHECK TBG PRESSURE, 3000 PSI, HOLD TEST FOR 30 MIN AND GOT A GOOD TBG TEST. - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG, TRIED BABY RED, 2" AND 2.5" OBANNON FISHING TOOLS, PUMPED 90 BBLS WATER DOWN CSG @ 250 F AND STILL COULDN'T GET S.V. OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT - POOH

WITH TBG AND REMOVED S.V. FROM PSN. - TIH WITH PACKER ASSY AND 131 JNTS TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TO 3000 PSI, HOLD TBG TEST BUT FAILED, BUMP UP AND HOLD FOR NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$33,007

2/14/2014 Day: 4

Conversion

Nabors #1108 on 2/14/2014 - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. RD RIG. - LOAD CSG WITH 20 BBLS PACKER FLUID AND PRESSURE UP TO 1400 PSI, HOLD PRESSURE AND START TIMER, FAILED TEST HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST @ 100% FOR 30 MIN. - TRAVEL TIME - CHECK TBG PRESSURE, TBG 2700 PSI, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST FOR 30 MIN @ 100%. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG ON WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. CLEAN LOCATION. - ROAD RIG FROM THE 12-17-9-16 TO THE 8-23-9-16. SPOT RIG. - WAIT FOR THE WIND TO DIE DOWN BUT NEVER DID, PREP WELL FOR TOMORROW. - TRAVEL TIME - LOAD CSG WITH 20 BBLS PACKER FLUID AND PRESSURE UP TO 1400 PSI, HOLD PRESSURE AND START TIMER, FAILED TEST HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST @ 100% FOR 30 MIN. - TRAVEL TIME - CHECK TBG PRESSURE, TBG 2700 PSI, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST FOR 30 MIN @ 100%. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG ON WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. CLEAN LOCATION. - ROAD RIG FROM THE 12-17-9-16 TO THE 8-23-9-16. SPOT RIG. - WAIT FOR THE WIND TO DIE DOWN BUT NEVER DID, PREP WELL FOR TOMORROW. - TRAVEL TIME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$39,566

2/19/2014 Day: 5

Conversion

Nabors #1108 on 2/19/2014 - Conduct initial MIT - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$71,778

Pertinent Files: Go to File List

CREDITS FOR INJECTION CONVERSION / RECOMPLETION**FEDERAL 12-17-9-16****Date Commenced 2/12/2014****API Number 43-013-33035****CONVERSION****Date Completed 2/13/2014**

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		2,740							-		administrative overhead
		7,311									transportation and hauling
							-				hot oil
				684							acidizing & fracing
		286									equipment rentals
		945									complt n fluids/water/chemical
					-						water disposal
	20,684										wireline/logging/perforating
	-										completion rig
47											rig mob & demob
									2,357		location prep, rmdtn & mntnc
				1,502							labor, supervision
47	20,684	11,282	-	2,186	-	-	-	-	2,357	-	downhole equipment rental

36,556**TOTAL**

Source (Multiple It) FEDERAL 12-17-9-16

Sum of Line Amount				
Account	Account Name	Service Date	Party Name	Total
885107	Chemical	2/11/2014	MULTI-CHEM GROUP LLC	285.93
		2/11/2014 Total		285.93
		Chemical Treatment-Subsurface Total		285.93
	885107 Total			285.93
885120	Fluid Disposal	2/11/2014	SHIELDS TRUCKING INC	525
		2/11/2014 Total		525
		2/14/2014	WESTERN WATER SOLUTIONS LLC	420
		2/14/2014 Total		420
	Fluid Disposal Total		945	
885120 Total			945	
885128	Hot Oiling	2/10/2014	ADVANTAGE OILFIELD SERVICE INC	2365
		2/10/2014 Total		2365
		2/11/2014	HIGH DESERT TRUCKING INC	1311.6
		2/11/2014 Total		1311.6
		2/12/2014	HIGH DESERT TRUCKING INC	1966
		2/12/2014 Total		1966
		2/13/2014	HIGH DESERT TRUCKING INC	1668.8
	2/13/2014 Total		1668.8	
Hot Oiling Services Total		7311.4		
885128 Total			7311.4	
885138	Automatic	3/6/2014	WINN-MARION BARBER LLC	3698.14
		3/6/2014 Total		3698.14
		3/17/2014	ROCKY MOUNTAIN AUTOMATION LLC	430
		3/17/2014 Total		430
		3/18/2014	WINN-MARION BARBER LLC	8105.41
		3/18/2014 Total		8105.41
		3/19/2014	RYAN ROSS SERVICES INC	228
		3/19/2014 Total		228
	3/20/2014	PARAGON AUTOMATION INC	3126.53	
3/20/2014 Total		3126.53		
Automation Total		15588.08		
885138 Total			15588.08	
885140	Labor - Company Employees	4/30/2014	(blank)	313.88
		4/30/2014 Total		313.88
	Labor - Company Employees Total		313.88	
885140 Total			313.88	
885141	Labor - Contract Employees	2/7/2014	JESSEN ELECTRIC INC	143.08
		2/7/2014 Total		143.08
		3/6/2014	US OILFIELD SERVICES LLC	1900
	3/6/2014 Total		1900	
Labor - Contract Employees Total		2043.08		
885141 Total			2043.08	
885144	Location Remediation & Maintenance	3/5/2014	RASMUSSEN ROCK	47.03
		3/5/2014 Total		47.03
	Location Remediation & Maintenance Total		47.03	
885144 Total			47.03	
885146	Miscellaneous Services	2/4/2014	BENCO OIL SERVICES INC	315
		2/4/2014 Total		315
		2/20/2014	ZUBIATE MACHINE WORKS LLC	1186.64
	2/20/2014 Total		1186.64	
Miscellaneous Services Total		1501.64		
885146 Total			1501.64	
885150	Rig Costs - Dayrate	2/13/2014	NABORS COMPLETION & PRODUCTION SERVICES	20684
		2/13/2014 Total		20684
	Rig Costs - Dayrate Total		20684	
885150 Total			20684	
885162	Transport	2/7/2014	ZUBIATE HOT OIL	486.5
		2/7/2014 Total		486.5
		2/14/2014	RUNNERS INC	1419.43
	2/14/2014 Total		1419.43	
2/20/2014		ZUBIATE HOT OIL	834	

Source (Multiple It) FEDERAL 12-17-9-16

Sum of Line_Amount					
Account	Account No	Service Date	Party Name	Total	
885162	Transportat	2/20/2014 Total		834	
	Transportation - Land Total			2739.93	
885162 Total				2739.93	
885302	Blow Out	2/26/2014	BASIC ENERGY SERVICES LP	684.02	
		2/26/2014 Total		684.02	
	Blow Out Preventors Total			684.02	
885302 Total				684.02	
885613	Pipe - Tub	2/14/2014	(blank)	-1134	
		2/14/2014 Total		-1134	
	Pipe - Tubing Total			-1134	
885613 Total				-1134	
885614	Rods	2/14/2014	(blank)	-633	
		2/14/2014 Total		-633	
	Rods Total			-633	
885614 Total				-633	
885617	Wellhead	2/17/2014	VETCO GRAY INC	2998.89	
		2/17/2014 Total		2998.89	
		2/20/2014	PARAGON OILFIELD PRODUCTS	207.64	
		2/20/2014 Total		207.64	
		3/5/2014	PARAGON OILFIELD PRODUCTS	5543.35	
	3/5/2014 Total		1925		
Wellhead Total			7468.35		
885617 Total				10674.88	
(blank)	(blank)	(blank)	(blank)	0	
		(blank) Total		0	
	(blank) Total			0	
(blank) Total				0	
Grand Total				61051.87	

Failures

Summaries

Activity Summary

Casing Data

Tubing Data


Pump Information

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,669.00	\$7,277.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$1,200.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$4,590.00	\$20,684.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$6,559.00	\$32,511.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$6,559.00	\$39,566.00

Day 3

NEWFIELD		Daily Workover Report		Well Name:	FEDERAL 12-17-9-16
		LOE		AFE:	
Field:	GMBU CTB3	Rig Name:	Nabors #1108	Report Date:	2/13/2014
Location:	S17 T9S R16E	Supervisor:	Rusty Bird	Operation:	Fish SV POH tbg fish SV TIH Pkr Assy
County:	DUCHESNE	Phone:	435- 823-7388	Work Performed:	2/12/2014
State:	UT	Email:	rustybird@newfield.com	Day:	3
Reason for Workover:	Conversion			Daily Cost:	\$7,776
				Cum DWR:	\$33,007

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT.				
24 Hr. Plan Forward:	CONTINUE				
Incidents	None	Newfield Pers:	1	Contract Pers:	5
		Conditions:			

Activity Summary

5:30 AM - 7:00 AM; 1.5 Hr(s); P: TRAVEL TIME
7:00 AM - 7:30 AM; 0.5 Hr(s); P: CHECK TBG PRESSURE, 3000 PSI, HOLD TEST FOR 30 MIN AND GOT A GOOD TBG TEST.
7:30 AM - 1:15 PM; 5.7 Hr(s); P: RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG, TRIED BABY RED, 2" AND 2.5" OBANNON FISHING TOOLS, PUMPED 90 BBLs WATER DOWN CSG @ 250 F AND STILL COULDN'T GET S.V. OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT
1:15 PM - 2:45 PM; 1.5 Hr(s); P: POOH WITH TBG AND REMOVED S.V. FROM PSN.
2:45 PM - 4:00 PM; 1.2 Hr(s); P: TIH WITH PACKER ASSY AND 131 JNTS TBG.
4:00 PM - 5:00 PM; 1 Hr(s); P: PUMP 10 BBLs PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TO 3000 PSI, HOLD TBG TEST BUT FAILED, BUMP UP AND HOLD FOR NIGHT. SWIFN, CLEAN LOCATION, SDFN.
5:00 PM - 6:30 PM; 1.5 Hr(s); P: TRAVEL TIME

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		323									
Production	5 1/2"	15.5	J-55	STL		6025	5980	5980.0	190'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0		12'			
Tubing		2-7/8"	6.5	J-55	8 RND EUE		12.0	12'			

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:	0	Motor Description:					
Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description	
	0	0'	0'	0'	0		
psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate
Daily Total							
Well Total							


Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,966.00	\$5,608.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$900.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,510.00	\$16,094.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$7,776.00	\$25,952.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$7,776.00	\$33,007.00

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,312.00	\$3,642.00
890139	Labor - Company Supervision	NFX Supervsion	\$300.00	\$600.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$4,827.00	\$10,584.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$6,439.00	\$18,176.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$6,439.00	\$25,231.00

Day 1

NEWFIELD		Daily Workover Report		Well Name:	FEDERAL 12-17-9-16
		LOE		AFE:	
Field:	GMBU CTB3	Rig Name:	Nabors #1108	Report Date:	2/12/2014
Location:	S17 T9S R16E	Supervisor:	Rusty Bird	Operation:	MIRU
County:	DUCHESNE	Phone:	435- 823-7388	Work Performed:	2/10/2014
State:	UT	Email:	rustybird@newfield.com	Day:	1
Reason for Workover:	Conversion			Daily Cost:	\$18,792
				Cum DWR:	\$18,792

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	MIRU UNHANG RODS AND HORSE HEAD				
24 Hr. Plan Forward:	CONTINUE				
Incidents	None	Newfield Pers:	1	Contract Pers:	5
Conditions:					

Activity Summary

5:30 AM - 7:00 AM; 1.5 Hr(s); P: TRAVEL TIME
7:00 AM - 8:15 AM; 1.2 Hr(s); P: RD RIG, RACK OUT WINCH TRUCK AND TOOLS
8:15 AM - 8:30 AM; 0.2 Hr(s); P: CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG.
8:30 AM - 9:00 AM; 0.5 Hr(s); P: ROAD RIG TO 12-17-9-16.
9:00 AM - 10:00 AM; 1 Hr(s); P: SPOT RIG, RU RIG
10:00 AM - 10:15 AM; 0.2 Hr(s); P: UNHANG RODS AND HORSES HEAD.
10:15 AM - 1:00 PM; 2.7 Hr(s); P: RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL.
1:00 PM - 2:00 PM; 1 Hr(s); P: POOH WITH 92 RODS LAYING DOWN ON TRAILER.
2:00 PM - 3:00 PM; 1 Hr(s); P: FLUSH TBG WITH 30 BBLS @ 250 F.
3:00 PM - 5:00 PM; 2 Hr(s); P: POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER.
5:00 PM - 6:00 PM; 1 Hr(s); P: ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN.
6:00 PM - 7:30 PM; 1.5 Hr(s); P: TRAVEL TIME

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		323									
Production	5 1/2"	15.5	J-55	STL		6025	5980	5980.0	190'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0	0.0	12'			
Tubing		2-7/8"	6.5	J-55	8 RND EUE		12.0	12'			

Pump Information

Stroke Length:		SPM:		Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:		Motor Description:					
Pump Type	Max ID	Bhl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description	
psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate
Daily Total							
Well Total							

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	Advantage	\$2,330.00	\$2,330.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$300.00
890144	Location Remediation & Maintenance	MWS (100) Benco (400)	\$500.00	\$500.00
890146	Miscellaneous Services	Liquid O-Ring	\$300.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,757.00	\$5,757.00
890162	Transportation - Land	Runners	\$1,000.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$350.00
890304	Completion Fluids	NDSI (800) MultiChem (400)	\$1,200.00	\$1,200.00
Total Intangibles:			\$11,737.00	\$11,737.00
890604	Packers & Liner Hangers	Weatherford	\$6,700.00	\$6,700.00
890613	Pipe - Tubing	SN (80) SV (275)	\$355.00	\$355.00
Total Tangibles:			\$7,055.00	\$7,055.00
Total Daily Costs:			\$18,792.00	\$18,792.00

NEWFIELD**Perforation Report**

LOE

Well Name:	FEDERAL 12-17-9-16
Report Date:	2/14/2014
Operation:	ND WH, Set PKR
Day:	4
Work Performed:	2/13/2014
AFE No.:	
Daily Cost:	\$6,559

Field:	GMBU CTB3	Rig Name:	Nabors #1108
Location:	S17 T9S R16E	Supervisor:	Rusty Bird
County:	DUCHESNE	Phone:	435-823-7388
State:	UT	Email:	rustybird@newfield.com

Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments
0	3/30/2007	Vertical	Green River	A1	4980	4990	4	40				
0	3/30/2007	Vertical		A1	4980	4990	4	40				
0	3/30/2007	Vertical	Green River	LODC	5113	5131	4	72				
0	3/30/2007	Vertical		LODC	5113	5131	4	72				
0	3/30/2007	Vertical	Green River	LODC	5157	5165	4	32				
0	3/30/2007	Vertical		LODC	5157	5165	4	32				
0	3/30/2007	Vertical		LODC	5185	5207	4	88				
0	3/30/2007	Vertical	Green River	LODC	5185	5207	4	88				
0	3/30/2007	Vertical		LODC	5234	5247	4	52				
0	3/30/2007	Vertical	Green River	LODC	5234	5247	4	52				
0	2/11/2011	Vertical		PB8	4328	4338	3	30	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical	Green River	PB8	4328	4338	3	30	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical	Green River	GB6	4201	4203	3	6	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical		GB6	4201	4203	3	6	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2014

Rosie Purnell
NEWFIELD PRODUCTION COMPANY
Rt 3 Box 3630
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the FEDERAL 12-17-9-16 well (43013330350000). Total expenses in the amount of \$ 36556.00 were submitted for the Production Enhancement work that commenced on February 12, 2014 and was completed on February 13, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 36556.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING			FORM 15 AMENDED REPORT Original Filing Date: 5/14/2014
DESIGNATION OF WORKOVER OR RECOMPLETION			
1. Name of Operator NEWFIELD PRODUCTION COMPANY		2. Utah Account Number 82695.1	5. Well Name and Number FEDERAL 12-17-9-16
3. Address of Operator State Zip 1001 17th Street, Suite 2000 Denver CO 80202		4. Phone Number 303 382-4443	6. API Number 4301333035
9. Location of Well Footage: 1919 FSL 0668 FWL County: DUCHESNE QQ, Sec, Twnp, Rnge: NWSW 17 090S 160E State : UTAH			7. Field Name MONUMENT BUTTE 8. Field Code Number 105
COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.			
10. TYPE OF WORK (Check all that apply) <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well		11. WORK PERIOD Date work commenced: 2/12/2014 90 Days From Date work completed: 2/13/2014 Completion	
12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:			
<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>	
a. Location preparation and cleanup	47.00	47.00	
b. Move-in, rig-up, and rig-down (including trucking)	0.00	0.00	
c. Rig charges (including fuel)	20684.00	20684.00	
d. Drill pipe or other working string	0.00	0.00	
e. Water and chemicals for circulating fluid (including water hauling)	11282.00	11282.00	
f. Equipment purchase	0.00	0.00	
g. Equipment rental	2186.00	2186.00	
h. Cementing	0.00	0.00	
i. Perforating	0.00	0.00	
j. Acidizing	0.00	0.00	
k. Fracture stimulation	0.00	0.00	
l. Logging services	0.00	0.00	
m. Supervision and overhead	2357.00	2357.00	
n. Other (itemize) 0 0	0.00 0.00 0.00	0.00 0.00 0.00	
o. Total submitted expenses	36556.00		
p. Total approved expenses (State use only)		36556.00	
13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.			
Contractor	Location (City, State)	Services Provided	
Nabors Completion and Production Services	Houston TX	Completion Rig	
14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest
I hereby certify that this report is true and complete to the best of my knowledge.			
NAME (PLEASE PRINT) Rosie Purnell	TITLE Revenue Accountant II	PHONE 281 210-5460	
SIGNATURE Rosie Purnell	DATE May 14, 2014	E-MAIL rpurnell@newfield.com	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-52018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 12-17-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333035

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1919 FSL 668 FWL

COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: NWSW, 17, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
Approximate date work will	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
_____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
02/13/2014	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 02/13/2014.

On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 02/25/2014

Daily Activity Report

Format For Sundry

FEDERAL 12-17-9-16

12/1/2013 To 4/28/2014

2/12/2014 Day: 2

Conversion

Nabors #1108 on 2/12/2014 - CHECK TBG AND CSG PRESSURES. PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - ROAD RIG TO 12-17-9-16. - ROAD RIG TO 12-17-9-16. - SPOT RIG, RU RIG - SPOT RIG, RU RIG - UNHANG RODS AND HORSES HEAD. - UNHANG RODS AND HORSES HEAD. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - FLUSH TBG WITH 30 BBLS @ 250 F. - FLUSH TBG WITH 30 BBLS @ 250 F. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PU/MU PACKER ASSY, TIH WITH PACKER ASSY AND 131 JNTS TBG, TBG DETAIL AS FOLLOWS: XN NIPPLE 2 3/8, 2 3/8 TBG SUB, 2 3/8 X 2 7/8 XO, PACKER 2 7/8 X 5.5, ON/OFF TOOL, 2 7/8 PSN, 131 JNTS 2 7/8 J-55 TBG - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP

TO PSN AND PRESSURE UP TBG TO 3000 PSI, START PT TBG. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - PT TBG, FAILED TESTS, BUMP UP AND RETEST. HOLD PRESSURE FOR THE NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - RD RIG, RACK OUT WINCH TRUCK AND TOOLS - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG. - ROAD RIG TO 12-17-9-16. - ROAD RIG TO 12-17-9-16. - SPOT RIG, RU RIG - SPOT RIG, RU RIG - UNHANG RODS AND HORSES HEAD. - UNHANG RODS AND HORSES HEAD. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - POOH WITH 92 RODS LAYING DOWN ON TRAILER. - FLUSH TBG WITH 30 BBLS @ 250 F. - FLUSH TBG WITH 30 BBLS @ 250 F. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - TRAVEL TIME - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING. - CHECK TBG AND CSG PRESSURES, TBG 20 PSI, CSG VACUUM. BD WELL AND POOH WITH TBG BREAKING EVERY CONNECTION CLEANING AND INSPECTING THREADS FOR DAMAGE OR GAULDING. APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. HAD TO FLUSH TBG 2 TIMES ON WAY OUT DUE TO WAX, 30 BBLS WATER EACH TIME. LD 36 JNTS EXCESS TBG FROM BOTTOM OF STRING.

Daily Cost: \$0

Cumulative Cost: \$25,231

2/13/2014 Day: 3

Conversion

Nabors #1108 on 2/13/2014 - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT. - TRAVEL TIME - CHECK TBG PRESSURE, 3000 PSI, HOLD TEST FOR 30 MIN AND GOT A GOOD TBG TEST. - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG, TRIED BABY RED, 2" AND 2.5" OBANNON FISHING TOOLS, PUMPED 90 BBLS WATER DOWN CSG @ 250 F AND STILL COULDN'T GET S.V. OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT - POOH WITH TBG AND REMOVED S.V. FROM PSN. - TIH WITH PACKER ASSY AND 131 JNTS TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TO 3000 PSI, HOLD TBG TEST BUT FAILED, BUMP UP AND HOLD FOR NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME - TRAVEL TIME - CHECK TBG PRESSURE, 3000 PSI, HOLD TEST FOR 30 MIN AND GOT A GOOD TBG TEST. - RU SANDLINE AND FISHING TOOLS, MADE 7 RUNS AND TRIED TO CATCH S.V. BUT NEVER COULD GET STANDING VALVE OUT OF TBG, TRIED BABY RED, 2" AND 2.5" OBANNON FISHING TOOLS, PUMPED 90 BBLS WATER DOWN CSG @ 250 F AND STILL COULDN'T GET S.V. OUT OF TBG. MADE CALL AND WAS TOLD TO POOH WITH TBG AT THIS POINT - POOH

WITH TBG AND REMOVED S.V. FROM PSN. - TIH WITH PACKER ASSY AND 131 JNTS TBG. - PUMP 10 BBLS PAD AND DROP S.V. PUMP TO PSN AND PRESSURE UP TO 3000 PSI, HOLD TBG TEST BUT FAILED, BUMP UP AND HOLD FOR NIGHT. SWIFN, CLEAN LOCATION, SDFN. - TRAVEL TIME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$33,007

2/14/2014 Day: 4

Conversion

Nabors #1108 on 2/14/2014 - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. RD RIG. - LOAD CSG WITH 20 BBLS PACKER FLUID AND PRESSURE UP TO 1400 PSI, HOLD PRESSURE AND START TIMER, FAILED TEST HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST @ 100% FOR 30 MIN. - TRAVEL TIME - CHECK TBG PRESSURE, TBG 2700 PSI, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST FOR 30 MIN @ 100%. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG ON WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. CLEAN LOCATION. - ROAD RIG FROM THE 12-17-9-16 TO THE 8-23-9-16. SPOT RIG. - WAIT FOR THE WIND TO DIE DOWN BUT NEVER DID, PREP WELL FOR TOMORROW. - TRAVEL TIME - LOAD CSG WITH 20 BBLS PACKER FLUID AND PRESSURE UP TO 1400 PSI, HOLD PRESSURE AND START TIMER, FAILED TEST HAD TO BUMP UP AND RETEST. FINALLY GOT A GOOD CSG TEST @ 100% FOR 30 MIN. - TRAVEL TIME - CHECK TBG PRESSURE, TBG 2700 PSI, BUMP UP AND RETEST, FINALLY GOT A GOOD TBG TEST FOR 30 MIN @ 100%. - RU SANDLINE AND FISHING TOOLS, RIH WITH SANDLINE TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS. - RD WORK FLOOR, ND BOP, LAND TBG ON WH. - PUMP 50 BBLS PACKER FLUID DOWN CSG. - ND WH, SET PACKER AND PACK OFF, LAND TBG IN 15K TENSION, NU WH. - RD RIG, RACK OUT WINCH TRUCK AND TOOLS. CLEAN LOCATION. - ROAD RIG FROM THE 12-17-9-16 TO THE 8-23-9-16. SPOT RIG. - WAIT FOR THE WIND TO DIE DOWN BUT NEVER DID, PREP WELL FOR TOMORROW. - TRAVEL TIME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$39,566

2/19/2014 Day: 5

Conversion

Nabors #1108 on 2/19/2014 - Conduct initial MIT - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 02/13/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/13/2014 the casing was pressured up to 1537 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$71,778

Pertinent Files: Go to File List

CREDITS FOR INJECTION CONVERSION / RECOMPLETION**FEDERAL 12-17-9-16****Date Commenced 2/12/2014****API Number 43-013-33035****CONVERSION****Date Completed 2/13/2014**

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		2,740							-		administrative overhead
		7,311									transportation and hauling
							-				hot oil
				684							acidizing & fracing
		286									equipment rentals
		945									complt n fluids/water/chemical
					-						water disposal
	20,684										wireline/logging/perforating
	-										completion rig
47											rig mob & demob
									2,357		location prep, rmdtn & mntnc
				1,502							labor, supervision
47	20,684	11,282	-	2,186	-	-	-	-	2,357	-	downhole equipment rental

36,556**TOTAL**

Source (Multiple It) FEDERAL 12-17-9-16

Sum of Line Amount				
Account	Account Name	Service Date	Party Name	Total
885107	Chemical	2/11/2014	MULTI-CHEM GROUP LLC	285.93
		2/11/2014 Total		285.93
	Chemical Treatment-Subsurface Total			285.93
	885107 Total			285.93
885120	Fluid Disposal	2/11/2014	SHIELDS TRUCKING INC	525
		2/11/2014 Total		525
		2/14/2014	WESTERN WATER SOLUTIONS LLC	420
		2/14/2014 Total		420
	Fluid Disposal Total			945
885120 Total			945	
885128	Hot Oiling	2/10/2014	ADVANTAGE OILFIELD SERVICE INC	2365
		2/10/2014 Total		2365
		2/11/2014	HIGH DESERT TRUCKING INC	1311.6
		2/11/2014 Total		1311.6
		2/12/2014	HIGH DESERT TRUCKING INC	1966
		2/12/2014 Total		1966
		2/13/2014	HIGH DESERT TRUCKING INC	1668.8
	2/13/2014 Total		1668.8	
Hot Oiling Services Total			7311.4	
885128 Total			7311.4	
885138	Automatic	3/6/2014	WINN-MARION BARBER LLC	3698.14
		3/6/2014 Total		3698.14
		3/17/2014	ROCKY MOUNTAIN AUTOMATION LLC	430
		3/17/2014 Total		430
		3/18/2014	WINN-MARION BARBER LLC	8105.41
		3/18/2014 Total		8105.41
		3/19/2014	RYAN ROSS SERVICES INC	228
		3/19/2014 Total		228
	3/20/2014	PARAGON AUTOMATION INC	3126.53	
3/20/2014 Total		3126.53		
Automation Total			15588.08	
885138 Total			15588.08	
885140	Labor - Company Employees	4/30/2014	(blank)	313.88
		4/30/2014 Total		313.88
	Labor - Company Employees Total			313.88
885140 Total			313.88	
885141	Labor - Contract Employees	2/7/2014	JESSEN ELECTRIC INC	143.08
		2/7/2014 Total		143.08
		3/6/2014	US OILFIELD SERVICES LLC	1900
	3/6/2014 Total		1900	
Labor - Contract Employees Total			2043.08	
885141 Total			2043.08	
885144	Location Remediation & Maintenance	3/5/2014	RASMUSSEN ROCK	47.03
		3/5/2014 Total		47.03
	Location Remediation & Maintenance Total			47.03
885144 Total			47.03	
885146	Miscellaneous Services	2/4/2014	BENCO OIL SERVICES INC	315
		2/4/2014 Total		315
		2/20/2014	ZUBIATE MACHINE WORKS LLC	1186.64
	2/20/2014 Total		1186.64	
Miscellaneous Services Total			1501.64	
885146 Total			1501.64	
885150	Rig Costs - Dayrate	2/13/2014	NABORS COMPLETION & PRODUCTION SERVICES	20684
		2/13/2014 Total		20684
	Rig Costs - Dayrate Total			20684
885150 Total			20684	
885162	Transport	2/7/2014	ZUBIATE HOT OIL	486.5
		2/7/2014 Total		486.5
		2/14/2014	RUNNERS INC	1419.43
	2/14/2014 Total		1419.43	
2/20/2014			ZUBIATE HOT OIL	834

Source (Multiple It) FEDERAL 12-17-9-16

Sum of Line_Amount					
Account	Account No	Service Date	Party Name	Total	
885162	Transportat	2/20/2014 Total		834	
	Transportation - Land Total			2739.93	
885162 Total				2739.93	
885302	Blow Out	2/26/2014	BASIC ENERGY SERVICES LP	684.02	
		2/26/2014 Total		684.02	
	Blow Out Preventors Total			684.02	
885302 Total				684.02	
885613	Pipe - Tub	2/14/2014	(blank)	-1134	
		2/14/2014 Total		-1134	
	Pipe - Tubing Total			-1134	
885613 Total				-1134	
885614	Rods	2/14/2014	(blank)	-633	
		2/14/2014 Total		-633	
	Rods Total			-633	
885614 Total				-633	
885617	Wellhead	2/17/2014	VETCO GRAY INC	2998.89	
		2/17/2014 Total		2998.89	
		2/20/2014	PARAGON OILFIELD PRODUCTS	207.64	
		2/20/2014 Total		207.64	
		3/5/2014	PARAGON OILFIELD PRODUCTS US OILFIELD SERVICES LLC	5543.35 1925	
	3/5/2014 Total		7468.35		
Wellhead Total			10674.88		
885617 Total				10674.88	
(blank)	(blank)	(blank)	(blank)	0	
		(blank) Total		0	
	(blank) Total			0	
(blank) Total				0	
Grand Total				61051.87	

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,669.00	\$7,277.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$1,200.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$4,590.00	\$20,684.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$6,559.00	\$32,511.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$6,559.00	\$39,566.00

[illegible]

Well Costs


Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,966.00	\$5,608.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$900.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,510.00	\$16,094.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$7,776.00	\$25,952.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$7,776.00	\$33,007.00

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	High Desert	\$1,312.00	\$3,642.00
890139	Labor - Company Supervision	NFX Supervsion	\$300.00	\$600.00
890144	Location Remediation & Maintenance		\$0.00	\$500.00
890146	Miscellaneous Services		\$0.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$4,827.00	\$10,584.00
890162	Transportation - Land		\$0.00	\$1,000.00
890302	Blow Out Preventors		\$0.00	\$350.00
890304	Completion Fluids		\$0.00	\$1,200.00
Total Intangibles:			\$6,439.00	\$18,176.00
890604	Packers & Liner Hangers		\$0.00	\$6,700.00
890613	Pipe - Tubing		\$0.00	\$355.00
Total Tangibles:			\$0.00	\$7,055.00
Total Daily Costs:			\$6,439.00	\$25,231.00

Day 1

NEWFIELD		Daily Workover Report		Well Name:	FEDERAL 12-17-9-16
		LOE		AFE:	
Field:	GMBU CTB3	Rig Name:	Nabors #1108	Report Date:	2/12/2014
Location:	S17 T9S R16E	Supervisor:	Rusty Bird	Operation:	MIRU
County:	DUCHESNE	Phone:	435- 823-7388	Work Performed:	2/10/2014
State:	UT	Email:	rustybird@newfield.com	Day:	1
Reason for Workover:	Conversion			Daily Cost:	\$18,792
				Cum DWR:	\$18,792

Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
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Summaries

24 Hr. Summary:	MIRU UNHANG RODS AND HORSE HEAD				
24 Hr. Plan Forward:	CONTINUE				
Incidents	None	Newfield Pers:	1	Contract Pers:	5
Conditions:					

Activity Summary

5:30 AM - 7:00 AM; 1.5 Hr(s); P: TRAVEL TIME
7:00 AM - 8:15 AM; 1.2 Hr(s); P: RD RIG, RACK OUT WINCH TRUCK AND TOOLS
8:15 AM - 8:30 AM; 0.2 Hr(s); P: CLEAN LOCATION, CHAIN UP RIG, PREP TO MOVE RIG.
8:30 AM - 9:00 AM; 0.5 Hr(s); P: ROAD RIG TO 12-17-9-16.
9:00 AM - 10:00 AM; 1 Hr(s); P: SPOT RIG, RU RIG
10:00 AM - 10:15 AM; 0.2 Hr(s); P: UNHANG RODS AND HORSES HEAD.
10:15 AM - 1:00 PM; 2.7 Hr(s); P: RU HOT OILER, CHECK PRESSURES, TBG 0 PSI, CSG 1000 PSI, BD WELL TO Z TANK, PUMP 50 BBLS WATER DOWN CSG, UNSEAT PUMP, FLUSH TBG WITH 40 BBLS WATER, SOFT SEAT AND PT TBG TO 3000 PSI, GOOD TEST. HOT OILER DIDN'T HAVE PROPER TOOLS OR FITTINGS MADE UP, HAD TO BREAK APART FITTINGS AND GET HIM PROPERLY HOOKED UP TO WELL.
1:00 PM - 2:00 PM; 1 Hr(s); P: POOH WITH 92 RODS LAYING DOWN ON TRAILER.
2:00 PM - 3:00 PM; 1 Hr(s); P: FLUSH TBG WITH 30 BBLS @ 250 F.
3:00 PM - 5:00 PM; 2 Hr(s); P: POOH WITH 80 MORE RODS AND HAD TO FLUSH AGAIN, 30 MORE BBLS @ 250 F AND 1 HOUR LATER WE POOH WITH REST OF RODS LAYING DOWN ON TRAILER.
5:00 PM - 6:00 PM; 1 Hr(s); P: ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR. SWIFN, CLEAN LOCATION, SDFN.
6:00 PM - 7:30 PM; 1.5 Hr(s); P: TRAVEL TIME

Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PBDT	Upd. PBDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		323									
Production	5 1/2"	15.5	J-55	STL		6025	5980	5980.0	190'						

Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						12.0	0.0	12'			
Tubing		2-7/8"	6.5	J-55	8 RND EUE		12.0	12'			

Pump Information

Stroke Length:		SPM:		Well on Prod Date:		Well on Pump Date:	
Pump Notes:							
Pump Unit Description:							
Motor Size:		Motor Description:					
Pump Type	Max ID	Bhl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description	
psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate
Daily Total							
Well Total							

Well Costs

Code	Description	Comments	Daily	Cumulative
890128	Hot Oiling Services	Advantage	\$2,330.00	\$2,330.00
890139	Labor - Company Supervision	NFX Supervision	\$300.00	\$300.00
890144	Location Remediation & Maintenance	MWS (100) Benco (400)	\$500.00	\$500.00
890146	Miscellaneous Services	Liquid O-Ring	\$300.00	\$300.00
890150	Rig costs - Dayrate	#1108	\$5,757.00	\$5,757.00
890162	Transportation - Land	Runners	\$1,000.00	\$1,000.00
890302	Blow Out Preventors	BOP	\$350.00	\$350.00
890304	Completion Fluids	NDSI (800) MultiChem (400)	\$1,200.00	\$1,200.00
Total Intangibles:			\$11,737.00	\$11,737.00
890604	Packers & Liner Hangers	Weatherford	\$6,700.00	\$6,700.00
890613	Pipe - Tubing	SN (80) SV (275)	\$355.00	\$355.00
Total Tangibles:			\$7,055.00	\$7,055.00
Total Daily Costs:			\$18,792.00	\$18,792.00

NEWFIELD**Perforation Report**

LOE

Well Name:	FEDERAL 12-17-9-16
Report Date:	2/14/2014
Operation:	ND WH, Set PKR
Day:	4
Work Performed:	2/13/2014
AFE No.:	
Daily Cost:	\$6,559

Field:	GMBU CTB3	Rig Name:	Nabors #1108
Location:	S17 T9S R16E	Supervisor:	Rusty Bird
County:	DUCHESNE	Phone:	435-823-7388
State:	UT	Email:	rustybird@newfield.com

Stage	Date	Bore Type	Formation	Zone	Top Depth (ft)	Bottom Depth (ft)	SPF	Shots	Phase (deg)	Gun Type	Charges	Comments
0	3/30/2007	Vertical	Green River	A1	4980	4990	4	40				
0	3/30/2007	Vertical		A1	4980	4990	4	40				
0	3/30/2007	Vertical	Green River	LODC	5113	5131	4	72				
0	3/30/2007	Vertical		LODC	5113	5131	4	72				
0	3/30/2007	Vertical	Green River	LODC	5157	5165	4	32				
0	3/30/2007	Vertical		LODC	5157	5165	4	32				
0	3/30/2007	Vertical		LODC	5185	5207	4	88				
0	3/30/2007	Vertical	Green River	LODC	5185	5207	4	88				
0	3/30/2007	Vertical		LODC	5234	5247	4	52				
0	3/30/2007	Vertical	Green River	LODC	5234	5247	4	52				
0	2/11/2011	Vertical		PB8	4328	4338	3	30	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical	Green River	PB8	4328	4338	3	30	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical	Green River	GB6	4201	4203	3	6	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	
0	2/11/2011	Vertical		GB6	4201	4203	3	6	120	Ported Guns	11g, 0.36 EH, 16.82 pen.	

Spud Date: 8-17-06
 Put on Production: 9-19-06
 GL: 6046' KB: 6058'

Federal 12-17-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.66')
 DEPTH LANDED: 323.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6012.04')
 DEPTH LANDED: 6025.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE GRADE WT.: 2-7/8" J-55 6.5#
 NO. OF JOINTS: 131 jts (4147')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4159' KB
 ON/OFF TOOL AT: 4160.1'
 ARROW #1 PACKER CE AT: 4165.14'
 XO 2-3/8 x 2-7/8 J-55 AT: 4168.9'
 TBG PUP 2-3/8 J-55 AT: 4169.4'
 X/N NIPPLE AT: 4173.5'
 TOTAL STRING LENGTH: EOT @ 4175.11'

Cement top @ 190'

FRAC JOB

09-13-06 5113-5247' Frac LODC sands as follows:
 174414# 20-40 sand in 1154 bbls Lightning
 17 frac fluid. Treated @ avg press of 1707 psi
 w avg rate of 24.9 BPM. ISIP 2050 psi. Calc
 flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' Frac A1 sands as follows:
 34935# 20-40 sand in 386 bbls Lightning 17
 frac fluid. Treated @ avg press of 2372 psi
 w avg rate of 24.9 BPM. ISIP 2550 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

02-19-07 Pump Change. Update rod and tubing details.

03-30-07 Pump Change. Rod & Tubing detail updated

02-11-11 4201-4338' Frac PB8 & GB6 sands as follows: 47662#
 20-40 sand in 294 bbls Lightning 17 fluid.

02-15-11 Recompletion Finalized -- update rod and tbg
 detail.

02-13-14 Convert to Injection Well

02-13-14 Conversion MIT Finalized -- update tbg
 detail

PERFORATION RECORD

Date	Interval	ISPF	Holes
09-08-06	5234-5247'	4 ISPF	52 holes
09-08-06	5185-5207'	4 ISPF	88 holes
09-08-06	5157-5165'	4 ISPF	32 holes
09-08-06	5113-5131'	4 ISPF	72 holes
09-13-06	4980-4990'	4 ISPF	40 holes
02-11-11	4328-4338'	3 ISPF	30 holes
02-11-11	4201-4203'	3 ISPF	6 holes

SN @ 4159'
 On Off Tool @ 4160'

Packer @ 4165'
 X/N Nipple @ 4173'
 EOT @ 4175'

4201-4203'

4328-4338'

4980-4990'

5113-5131'

5157-5165'

5185-5207'

5234-5247'

PBTD @ 5980'

SHOE @ 6025'

TD @ 6050'

NEWFIELD

Federal 12-17-9-16

1919' FSL & 668' FWL
 NW/SW Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33035; Lease # UTU-52018

LCN 022414

NEWFIELD

Schematic

Well Name: Federal 12-17-9-16

43-013-33035

Surface Legal Location 17-9S-16E	API/UVI 43013330350000	Well RC 500155832	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date 9/19/2006	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,979.9

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 2/10/2014	Job End Date 2/13/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 6,050.0

Vertical - Original Hole, 8/19/2014 11:46:21 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (°)	Vertical schematic (actual)
11.2	11.2	0.0	0	2	
12.1	12.1	0.0			
190.0	190.0	0.2			
322.5	322.5	0.5			
323.5	323.5	0.5			
332.0	332.0	0.5			
4,159.1	4,158.4	1.9			
4,160.1	4,159.4	1.9			
4,161.7	4,161.1	1.9			
4,169.0	4,168.3	1.9			
4,169.3	4,168.6	1.9			
4,173.6	4,172.9	2.0			
4,175.2	4,174.5	2.0			
4,201.1	4,200.4	2.2			
4,203.1	4,202.4	2.2			
4,328.1	4,327.3	1.6			
4,337.9	4,337.1	1.6			
4,500.0	4,499.1	1.8			
4,980.0	4,978.8	2.2			
4,990.2	4,988.9	2.2			
5,112.9	5,111.6	1.6			
5,130.9	5,129.6	1.5			
5,157.2	5,155.9	1.5			
5,165.0	5,163.7	1.6			
5,185.0	5,183.7	1.6			
5,207.0	5,205.7	1.6			
5,233.9	5,232.6	1.6			
5,247.0	5,245.7	1.5			
5,980.0	5,977.8	3.2			
5,980.6	5,978.4	3.2			
6,025.3	6,023.0	3.2			
6,025.9	6,023.6	3.2			
6,049.9	6,047.5	3.2			

1, Surface; 8 5/8 in; 8.097 in; 11-324 ftKB; 312.50 ft

2-1; Tubing; 2 7/8; 2.441; 12-4,159; 4,147.00

2-2; Seating Nipple; 2 7/8; 4,159-4,160; 1.10

2-3; On-Off Tool; 2 7/8; 4,160-4,162; 1.80

2-4; Packer; 5 1/2; 4,950; 4,162-4,169; 7.00

2-5; Cross Over; 2 3/8; 1.991; 4,169-4,169; 0.50

2-6; Tubing Pup; 2 3/8; 4,169-4,173; 4.10

2-7; XN Nipple; 2 3/8; 4,173-4,175; 1.70

Perf; 4,201-4,203; 2/11/2011

Perf; 4,328-4,338; 2/11/2011

Perf; 4,980-4,990; 9/18/2006

Perf; 5,113-5,131; 9/18/2006

Perf; 5,157-5,165; 9/18/2006

Perf; 5,185-5,207; 9/18/2006

Perf; 5,234-5,247; 9/18/2006

2; Production; 5 1/2 in; 4.950 in; 12-6,026 ftKB; 6,013.85 ft